

#### **CORRIGENDUM-5**

Ref: TPCODL/P&S/56/2020-21/Corrigendum/005

**Dated:** 31<sup>st</sup> Aug 2020

Sub: Corrigendum-5 to open tender number TPCODL/P&S/56/2020-21 for Rate Contract for 11kV

and 33 kV associated works (Construction / Augmentation) all over TPCODL area

#### I. Extension of due date and time of bid submission/opening of Technical bids and EMD

Tender No.	Work Description	Existing Entry	May be read as
TPCODL/P&S/56/2020-	Rate Contract for 11kV	a: Due date and time of	a: Due date and time of
21	and 33 kV associated	bid submission /Date &	bid submission /Date &
	works (Construction /	Time of opening	Time of opening
	Augmentation) all over	technical bids and EMD	technical bids and EMD
	TPCODL area	28.08.2020 1500 Hours	08.09.2020 1500 Hours

#### II. Amendment to Clause:

Tender No.	Work Description	Existing Entry	May be read as
TPCODL/P&S/56/2020-	Rate Contract for	a: Clause 2.0:	a: Clause 2.0: Evaluation Criteria
21	11kV and 33 kV	<b>Evaluation Criteria</b>	The bids will be evaluated
	associated works	The bids will be	commercially Lot wise on the
	(Construction /	evaluated	overall all-inclusive lowest cost for
	Augmentation) all	commercially on	Tender BoQ as calculated in
	over TPCODL area	over BOQ basis (all-	Schedule of Items [Annexure I].
		inclusive lowest	TPCODL however, reserves right to
		cost) for the	split the order line item wise, circle
		complete tender as	wise and/or quantity wise among
		calculated in	more than one Bidder. Hence all
		Schedule of Items	bidders are advised to quote their
		[Annexure I].	most competitive rates against
			each line item.
		Bidder has to	Bidder has to mandatorily quote
		mandatorily quote	against each item and against each
		against each item	Lot of Schedule of Items
		of Schedule of	[Annexure] Failing to do so,
		Items [Annexure I].	TPCODL may reject the bid.
		Failing to do so,	
		TPCODL may reject	b: Addition to 7.1. Special
		the bids	Conditions of Contract:
			Bidders should be willing to work in
		b: Addition to 7.1.	other Circle if asked by TPCODL in
		Special Conditions	the approved price of that
		of Contract	respective Circle. The bidder has to



give undertaking regarding the
same along with the bid

III. Bidder are requested to quote their price offers as per attached revised schedule of item (Annexure-1) of this Corrigendum instead of the Price schedule (Annexure-1) of above Tender or PART B-Annexure-1 of Corrigendum-4

The Schedule of Items has been divided into 5 lot as below:

LOT No.	CIRCLE	DIVISION
Lot-1	BBSR-1	BCDD No.I ,BBSR ; BCDD No.II, BBSR ; BED BBSR
		; NED, Nimapara
Lot-2	BBSR-2	KED, Khurda; PED, Puri; NED, Nayagarh; BED,
		Balugaon
Lot-3	Cuttack	CDD-I, Cuttack; CDD-II, Cuttack; CED, Cuttack,
		AED; Athagarh, SED, Salipur
Lot-4	Dhenkanal	DED, Dhenkanal; TED, Chainpal; AED, Angul
Lot-5	Paradeep	KED-I, Kendrapada, KED-II, Marshaghai, JED,
		Jagatsinghpur; PED, Paradeep

<sup>\*</sup>It is mandatory to participate in all the lot

#### Note:

- Bidders should be willing to work in other Circle if asked by TPCODL in the approved price of that respective Circle. The bidder has to give undertaking regarding the same along with Price bid.
- Bidder need to upload original signed Price bid along with copy of Price bid in Excel file in SAP Ariba
- All other terms and conditions of the above tender will remain same

### **By Order**

**Chief-Procurement & Stores, TPCODL** 

## ANNEXURE-1-REVISED SCHEDULES OF ITEM

## Lot-1- BBSR-1 (BCDD No.I ,BBSR ; BCDD No.II, BBSR ; BED BBSR ; NED, Nimapara)

			SUPP	LY		ERECTION			TOTAL				
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
1	Installation/Erection of (150X 150mm RS joist (11 Mtr long) (30.6 kg Per meter) (Each 336.6kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate, fixing of clamps, iron fittings, steel fabricated work (Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.	1640	EA										
2	Installation/Erection of 150X 150mm RS joist (13 Mtr long)(34.6 kg Per meter)(Each 415.2kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate,fixing of clamps ,iron fittings,steel fabricated work(Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa	20	EA										

			SUPP	LY		ERECTION			TOTAL				
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.										` '		
3	Supply and Fixing of HT Complete Stay Set as per TP Central Orissa Distribution Co. Ltd. specifications and drawing. The scope of work includes excavation for all type of soils/RCC/Bituminous/ Rocky/Rajasthani tiles etc., breaking of asphalt, (only Fixing of Stay Wire (GI 7/10 SWG), Base Plate,Anchor road, Tension screw(GI SIZE 750X20MM), Egg insulator, etc back filling removal & disposing of malba as per instruction of EIC etc. Including stringing of GI Wire, fabrication works and providing and laying of cement concrete, supply, fabrication and erection of stay set clamp, nut-bot etc all consumable items.	1000	ST										
4	Brick betting for Pole foundation including supply of consumables and strengthening as per TP Central Orissa Distribution Co. Ltd. specification/drawing (Price per pole/foundation)	200	EA										

						SUPP	LY		ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
5	Supply and erection of Glanding for armored 1.1 kV XLPE AL Cable - 4CX300 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly	379	EA										
6	Supply and Installation of Bird Cap for Lightning Arrestor	2184	EA										
7	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 11kv Line as per Drawing	1600	EA										
8	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 33kv Line as per Drawing	300	EA										
9	Supply and laying of sand in substation cable trench (where it is not included in the scope)	238	МЗ										
10	Supply and Installation of 4cx300 sqmm O/D Termination kit.	15	EA										
11	Supply and installation of Glanding armored 1.1 kV XLPE AL Cable - 4CX150 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly .	1152	EA										
12	Supply and Fixing of Rubber Mat & First Aid Chart(MAT RUBBER 15KV SIZE 1X2MX2.5MM THICK)	30	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
13	Supply and Installation of mini wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 55 to 100 Sq mm)	3132	EA										
14	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 125 Sq mm)	365	EA										
15	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 148 to 232 Sq mm)	5	EA										
16	Supply and Installation of P.G. CLAMP FOR 125 MM2 AAC CONDUCTOR	327	EA										
17	Supply and Installation of P.G. CLAMP FOR 148 MM2 AAC CONDUCTOR	6	EA										
18	Supply and Installation of P.G. CLAMP FOR 232 MM2 AAC CONDUCTOR	7	EA										
19	Supply, Installation and fixing of 100 mm dia GI Pipe for Cable protection(PIPE G.I.100MM DIA HEAVY CLASS PLAIN END). Scope also include supply and erection of all required accesseries for fixing it with pole/structure such as GI cleat(75X12 mm)at every interval of	2746	М										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	1.5 mtr ,Nut & Bolt ,sealing of the pipe .												
20	Supply of AL Lugs 150 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etc.Scope also include supply and erection of PVC Tape as per voltage requirement.	5608	EA										
21	Supply of AL Lugs 300 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	2673	EA										
22	Supply of AL Lugs 630 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	6952	EA										
23	Supply and Installation of Template for Transformer maintenance Record(Transformer Health Card).It will be MS Steel sheet of size(Length 1.5 foot, Breadth 1 Foot and Thickness 2mm) as per drawing attached	8	EA										
24	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 990 to 1000	65	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set). One set Cleat will be for holding the single core cable of 4 No. for supporting and spacing between the phases.												
25	Supply and Installation of CONNECTOR PALM LT BRASS 1000A for 500-630KVA distribution transformer	1356	EA										
26	Supply and Installation of CONNECTOR PALM LT BRASS 2000A for 990-1000KVA distribution transformer	132	EA										
27	Supply of AL Lugs 95 sq mm, Crimping with cable/conductor and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	3692	EA										
28	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 500 to 630 kVA Transformer. Scope also includes supply of ISI marked paint.  (Price per set)	794	ST										
29	Supply, Fabrication and erection of MS Steel Structure including painting (one coat of red oxide & two coats of synthetic/aluminium paint) as per TP Central Orissa Distribution Co. Ltd. specification /	37576	KG										

						SUPP	LY		ERECTION			TOTAL	
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	drawing. Scope also includes supply of ISI marked paint. Size vary (Channel of Size-100*50 ,125*65 , 75*40 , and ANGLE of SIZE 50X50X6MM,& 75X75X6MM as per site survey and approved drawing)												
30	Supply, Installation and fixing of HDPE Pipe - 25mm dia for Wire/Cable protection. Scope also include supply and erection of all required accessories for fixing it with pole/structure such as GI cleat(12X3 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe ,collar fixing.	6940	М										
31	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for Cable.  Scope also includes supply of ISI marked paint. (Price per set).	2189	ST										
32	Supply of AL Lugs 70 sq mm, Crimping with stay wire/earthing wire/conductor and Fixing/connecting to earth electrode etc. Scope also include supply and erection of PVC Tape as per voltage requirement.	70882	EA										
33	Supply of AL Lugs of 125 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	13415	EA										

					SUPP	LY		ERECTION			TOTAL		
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
34	Supply of AL Lugs of 55 to 80 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	2683	EA								, ,		
35	Supply of AL Lugs of 148 to 232 sq mm for jumpering work of 33KV AB Switch, Crimping and connecting.	150	EA										
36	Supply and Installation of MVLC medium voltage line cover (Polypro).	229	М										
37	Supply and Fixing of GI Nut & Bolts of different size(12MMX50MM HEX,12MMX75MM HEX,16MMX100MM HEX,16MMX150MM HEX,16MMX200MM HEX,16MMX50MM HEX,16MMX50MM HEX,16MMX75M HEX)etc based on site requirement.	16137	KG										
38	Supply and Installation of Pre - fabricated Hot dip Galvanized Steel Structure of different section (ISMC-100*50 GI Channel (9.76KG/M),ISMC-125*65 GI Channel (13.3KG/M),ISMC-75*40 GI Channel (7.24KG/M), ANGLE MS SIZE 50X50X6MM,ANGLE GI SIZE 75X75X6MM as per approved drawing and specification of TP Central Orissa Distribution Co. Ltd Scope also includes minor modification/fabrication required as per site condition/ for proper fitting.	285849	KG										

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S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Size shall be customized based on site requirement.												
39	Supply and Installation of 11kV D.O. Fuse 3 Phase(Price per Set) including Fuse Link on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing	1788	ST										
40	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	9	EA										
41	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	7	EA										
42	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	6	EA										
43	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	7	EA										
44	SITC Installation of 33kV Post Insulator with hardware fitting as	8	EA										

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	per TP Central Orissa Distribution Co. Ltd. specification/drawing												
45	SITC BUS BAR COPPER HDT SIZE 75X10MM	372	М										
46	SITC Installation of 11 kV ,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	576	ST										
47	SITC Installation of 33 kV,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	11	ST										
48	SITC Installation of 11kV LA Single Phase on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing(LA 9KV 5KA FOR 11KV POLYMERIC)	2033	EA										
49	SITC Installation of Barbed Wire ( to avoid the climbing at pole) for 11Mtr/13 Meter pole as per TP Central Orissa Distribution Co. Ltd. specification and drawing.	1811	KG										
50	SITC Installation of HT Danger Board with clamp(GI Flat 12X3 mm), nut & bolt as per TP Central Orissa Distribution Co. Ltd. specification	2748	EA										
51	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm AAAC conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	945	EA										

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52	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm ACSR conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1418	EA										
53	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 90KN for 125 sq mm AAAC as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1745	EA										
54	SITC Installation of 11kV Polymeric Pin Insulator for 125 Sq mm with Hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	5454	EA										
55	SITC Installation of 33kV Pin Insulator for 148 sq mm & 232 Sq mm conductor (PIN INSULATOR POLYMER 33 KV (10 KN))with hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	8	EA										
56	Installation of FPI with Communication Box with proper wiring on GPRS modem .	300	EA										
57	Installation, Testing and Commissioning of 11/0.4kV, 630kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes	339	EA										

						SUPP	LY			ERECTION		TO	ΓAL
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	earthing, jumpering/connection at HT and LT side												
58	Installation, Testing and Commissioning of 11/0.4kV, 160kVA/ 315KVA/ 400KVA/ 500KVA/ 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	52	EA										
59	Installation, Testing and Commissioning of 11/0.4kV, 1000kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	33	EA										
60	Installation, Testing and Commissioning of 11/0.4kV, 250kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes	136	EA										

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	earthing, jumpering/connection at HT and LT side												
61	Installation testing and commissioning of LT ACB 400 Amps with enclosure on existing structure	810	EA										
62	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,63kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	5	EA										
63	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,160kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	7	EA										
64	Installation of Outdoor Type Distribution Box (BOX DIST.WITH 160A 35KA TP MCCB 6 O/G) with MCCB for Distribution Transformer etc.three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	190	EA										
65	Installation of Outdoor Type Distribution Box(BOX DIST.WITH 500A 50KA TP MCCB 5 O/G) with MCCB for 11/0.4kV,250kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	240	EA										
66	Installation of Fire Extinguisher by means of proper hooks clamps etc.	25	EA										

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	as required including providing of grouting material (cement etc.) and painting of hooks/clamps. Scope exclude supply of hook/clamp												
67	Installation of Fire Bucket including supply of sand by means of proper hooks clamps etc. as required (price per bucket). Scope include supply of hooks/clamps/MS stand.	25	EA										
68	Installation, Testing and Commissioning of 11kV 3-way Ring Main Unit on existing structure/foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	30	EA										
69	Installation, Testing and Commissioning of 11kV 4-way Ring Main Unit on existing structure / foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	6	EA										
70	Construction of 3-way RMU Plinth with Brick, Mortar, 12 mm cement plaster and painting with enamle paint.As per drawing	30	EA										

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71	Construction of 4-way RMU Plinth with Brick, Mortar, 16 mm cement plaster and painting with enamle paint.As per drawing	5	EA										
72	Installation, Testing and commissioning of 11kV auto reclosure Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	16	EA										
73	Installation, Testing and commissioning of 11kV Sectionaliser Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubaneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	48	EA										
74	Sagging & Stringing of Dog Conductor(80sq.mm to 125 sq.mm AAAC)	33452	M										
75	Sagging & Stringing of Aluminum Conductor Steel Rainforced(ACSR) (Equivalent to 125 sq mm AAAC Conductor) .	46542	M										

						SUPP	LY			ERECTION		TO	ΓAL
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76	Sagging & Stringing of 148 mm2 All Aluminium Aloy Conductor(AAAC)	5	M										
77	Sagging & Stringing of Aluminium Conductor Steel Rainforced (ACSR) (Equivalent to 148 sq mm AAAC Conductor) .	8	M										
78	Sagging & Stringing of 232 sqmm All Aluminium Aloy Conductor(AAAC)	7	М										
79	Sagging & Stringing of sq232mm Aluminium Conductor Steel Rainforced(ACSR).	7	М										
80	Supply , Sagging & Stringing of Insulated Rabbit Conductor for Jumpering work of Distribution Transformer & making of connection hooks etc.	12578	M										
81	Supply and erection of GI wire 7/10 SWG for stay wire and earthing of equipments/structure as per TP Central Orissa Distribution Co. Ltd. specification/drawing.	160711	M										
82	Supply and erection(Sagging/Stringing/Drawing) of GI wire 8 SWG for Guarding and Bracing including making of connection hooks etc. as per TP Central Orissa Distribution Co. Ltd. specification/drawing	195247	M										
83	Laying/stringing of Overhead LT 1.1 kV XLPE insulated PVC sheathed AL conductor GI wire Armoured Cable of size 4CX150 sqmm as per TP Central Orissa Distribution Co.	5157	M										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Ltd. specification including testing of cable.												
84	Supply and erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories and connecting with cross arm, Channel, angle and other accessories of pole having length up to 13 Mtr as per TP Central Orissa Distribution Co. Ltd. Design . Laying of LT, XLPE, GI wire	2360	EA										
85	Armoured, AL Cable of size 4CX300 sqmm in S/Sth. Trench/Trenchless duct/Tray/GI Pipe/Hume Pipe as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude laying of Hume Pipe, GI Pipe, PVC Pipe and Tray.	9959	М										
86	Laying (underground) of 1.1kV Armoured XLPE AL Cable of size 4CX300 sqmm in existing trench with supply & laying of 9 bricks horizontaly with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EICBA will provide support during joint making by OEM of joint kit,no	9959	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	seperate payment will be paid to BA for this support by BA.												
87	Laying (underground) of 11kV Armoured XLPE AL Cable of size 3CX400/ 3X300 sqmm (Single Run) in open cut/ existing trench with supply & laying of 9bricks with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EIC.BA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	2000	М										
88	Laying of 11kV Armoured XLPE AL Cable 3CX400/ 3X300 sqmm in S/Sth. Trench/Tray as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude fixing of Tray.BA will provide support during joint making by OEM of joint kit,no separate payment will be paid to BA for this support by BA.	1000	М										
89	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX300 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. BA will provide support during joint making	2152	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	by OEM of joint kit, no separate payment will be paid to BA for this support by BA.												
90	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX630 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable	25212	М										
91	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement- All work upto plinth level b) 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size.	900	М3										
92	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX95 sqmm as per TPDDL specification including testing of cableBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	40	М										
93	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand (Zone - III): 6 graded stone aggregate 20 mm nominal size).	600	М3										
94	Treated Pipe earthing with 40mm dia 3 Mtr long Class-B GI Pipe with	4232	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	earth chamber as per TP Central Orissa Distribution Co. Ltd. specification and drawing (Each pit resistance will be measured and recorded and shall be less than 10hm). Scope include supply of all required material like Earth Electrode, Salt, Charcoal, Nuts-Bolt etc.												
95	Excavation of cable trench upto 975 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11/1.1kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	5000	МЗ										
96	Excavation of cable trench upto 1075 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	1200	МЗ										
97	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqmm on plan) including disposal of	30	М3										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	excavated earth as per direction of EIC for all kinds of soil.												
98	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed by EIC for all kinds of soil	30	М3										
99	Fixing /installation of Cable Trench Cover.	1600	М										
100	Indoor Termination kit of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	98	ST										
101	Indoor/Outdoor Termination Kit of HT (33KV) UGC including all related work and Approved Jointer	9	EA										
102	Outdoor Termination Kit of LT UGC (4cX300 Sq mm Cable) including all related work and Approved Jointer	1620	EA										
103	Supply and Making & Fixing of Guard Lace(Bracing of length 1.5 mtr) of G.I. Wire 4 SWG for HV Line (price per lacing)	16663	EA										
104	Mounting of Cable (LT & HT) at Pole, after passing through suitable size of GI Pipe proper clamping and fixing wooden bush along with clamping of End Box. Scope of work excluding supply and erection of Wooden Cleat set (Including	1314	ST										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Nomenclature , phase marking and numbering)												
105	Outdoor Termination of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	98	ST										
106	Sign writing on Transformer, double pole structure & fencing as per details mentioned in the scope of work and specification	2052	EA										
107	Sign writing - substation name as per details mentioned in the scope of work and specification	543	EA										
108	Sign writing on leg of 11 KV RMU as per details mentioned in the scope of work and specification (price per RMU)	32	EA										
109	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 709 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	1300	EA										
110	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - <b>Tempo 407</b> with labours as required (price per trip). Scope of work also include loading and	1083	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)												
111	Transportation of various items from TPCODL. store/site to other site or vice versa in TPCODL. operational area - Three wheeler/Vikram with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	1300	EA										
112	Loading, transportation and Unloading of HT panel, Transformer, LT board, Cable drum/Conductor Drum with crane or tripode Per truck/tempo (Price per Truck/tempo)	1076	EA										
113	Loading, transportation and Unloading of JOIST Pole of 11 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	1700	EA										
114	Loading, transportation and Unloading of JOIST Pole of 13 Mtr long from TP Central Orissa	39	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.												
115	Dismantling / Removal of all hardware fittings & Insulator etc. from Double Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position.	1426	EA										
116	Dismantling of 11 Mtr. PCC/Joist Pole (Serviceable Pole) after digging the pit and taking out the pole, transportation and stacking the pole at a proper place in safe position within 3km /BA site store and refilling the pit with loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	1516	EA										
117	Dismantling of 11kV Pin Insulator with Pin including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	9257	EA										
118	Dismantling of 11kV Disc Insulator with Hardware including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	8943	EA										
119	Dismantling of Danger Board including removal of all Electric/Earth connections, loading, transportation, unloading and	3500	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
120	Dismantling of the G.I.Wire 7/8 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	Kg										
121	Dismantling of the G.I.Wire 7/10 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	Kg										
122	Dismantling of the G.I.Wire 4 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	Kg										
123	Dismantling/Removal of all hardware fittings & Insulator etc. from HT Single Pole including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per Pole)	3500	EA										
124	Dismantling of Lightening Arrester(LA) including removal of all Electric/Earth connections, loading, transportation, unloading and	1609	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
125	Dismantling of LT Distribution Box suitable for 3-Phase Distribution Transformer including their safe removal. Scope of work also includes removal of all the Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store.	1117	EA										
126	Dismantling of three phase DD Fuse/ fuse set arrangement fitted on structure (price per set) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1800	EA										
127	Dismantling of ACB-400A including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	810	EA										
128	Dismantling of ACSR DOG conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1788	М										
129	Dismantling of ACSR Rabbit conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1788	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
130	Dismantling of ACSR Racoon conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1788	M										
131	Dismantling of HT AL Bus bar mounted on 11kV insulator with reopenable insulation cover including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	447	EA										
132	Dismantling/Removal of all hardware fittings & Insulator etc. from Triple Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per TP Structure)	447	EA										
133	Dismantling of Fencing structure and loading, transportation, unloading and staking at a proper place in safe position/BA site store	447	Kg										
134	Dismantling of existing 11/0.4kV, 630kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	339	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
135	Dismantling/Removal of all hardware fittings & Insulator etc. from Four Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	9	EA										
136	Dismantling of existing Street Light fixture and loading, transportation, unloading and staking at a proper place in safe position/BA site store	223	EA										
137	Dismantling of 11 Mtr. PCC/Joist Pole (Broken Pole) after digging the pit and taking out the pole, refilling the pit with loose earth and ramming. Scope also include crushing of broken Pole and removal & disposal of malba at proper location as per instruction of EIC	30	EA										
138	Dismantling of existing 11/0.4kV, 250kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	136	EA										
139	Dismantling of existing 11/0.4kV, 990/1000kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also	32	EA										

						SUPP	LY			<b>ERECTION</b>		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	includes loading, transportation, unloading and staking at a proper place in safe position/BA site store												
140	Dismantling of 10/8 Way Moulded Bus Bar Box including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	9	EA										
141	Dismantling of 11 kV GO/AB Switch including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	508	EA										
142	Dismantling of Steel Structure and Nuts and Bolt including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	50800	KG										
	TOTAL (All Inclusive Value	)	l										

# Lot-2-BBSR-2 (KED, Khurda; PED, Puri; NED, Nayagarh; BED, Balugaon)

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
1	Installation/Erection of (150X 150mm RS joist (11 Mtr long) (30.6 kg Per meter) (Each 336.6kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate, fixing of clamps, iron fittings, steel fabricated work (Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.	620	EA										
2	Installation/Erection of 150X 150mm RS joist (13 Mtr long)(34.6 kg Per meter)(Each 415.2kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate,fixing of clamps ,iron fittings,steel fabricated work(Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction	178	EA										

						SUPP	LY			ERECTION		TO <sup>*</sup>	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	of EIC.The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.												
3	Supply and Fixing of HT Complete Stay Set as per TP Central Orissa Distribution Co. Ltd. specifications and drawing. The scope of work includes excavation for all type of soils/RCC/Bituminous/ Rocky/Rajasthani tiles etc., breaking of asphalt, (only Fixing of Stay Wire (GI 7/10 SWG), Base Plate,Anchor road, Tension screw(GI SIZE 750X20MM), Egg insulator, etc back filling removal & disposing of malba as per instruction of EIC etc. Including stringing of GI Wire, fabrication works and providing and laying of cement concrete, supply, fabrication and erection of stay set clamp, nut-bot etc all consumable items.	596	ST										
4	Brick betting for Pole foundation including supply of consumables and strengthening as per TP Central Orissa Distribution Co. Ltd. specification/drawing (Price per pole/foundation)	200	EA										
5	Supply and erection of Glanding for armored 1.1 kV XLPE AL Cable - 4CX300 sqmm, including making hole in base plate and dressing of	74	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	cable along with Vermin proofing												
	properly												
6	Supply and Installation of Bird Cap for Lightning Arrestor	745	EΑ										
7	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 11kv Line as per Drawing	600	EA										
8	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 33kv Line as per Drawing	600	EA										
9	Supply and laying of sand in substation cable trench (where it is not included in the scope)	70	М3										
10	Supply and Installation of 4cx300 sqmm O/D Termination kit.	10	EA										
11	Supply and installation of Glanding armored 1.1 kV XLPE AL Cable - 4CX150 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly .	720	EA										
12	Supply and Fixing of Rubber Mat & First Aid Chart(MAT RUBBER 15KV SIZE 1X2MX2.5MM THICK)	30	EA										
13	Supply and Installation of mini wedge Connector for jumpering work for different size of conductor(For Connecting the	942	EA										

						SUPPLY				ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)	
	conductor of different conductor size 55 to 100 Sq mm)													
14	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 125 Sq mm)	90	EA											
15	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 148 to 232 Sq mm)	575	EA											
16	Supply and Installation of P.G. CLAMP FOR 125 MM2 AAC CONDUCTOR	81	EA											
17	Supply and Installation of P.G. CLAMP FOR 148 MM2 AAC CONDUCTOR	51	EA											
18	Supply and Installation of P.G. CLAMP FOR 232 MM2 AAC CONDUCTOR	222	EA											
19	Supply, Installation and fixing of 100 mm dia GI Pipe for Cable protection(PIPE G.I.100MM DIA HEAVY CLASS PLAIN END). Scope also include supply and erection of all required accesseries for fixing it with pole/structure such as GI cleat(75X12 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe .	511	М											
20	Supply of AL Lugs 150 sq mm, Crimping with cable and	3880	EA											

					SUPPLY				ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Fixing/connecting with ACB/Transformer/MCCB etc.Scope also include supply and erection of PVC Tape as per voltage requirement.										. ,		
21	Supply of AL Lugs 300 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	601	EA										
22	Supply of AL Lugs 630 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	3168	EA										
23	Supply and Installation of Template for Transformer maintenance Record(Transformer Health Card).It will be MS Steel sheet of size(Length 1.5 foot, Breadth 1 Foot and Thickness 2mm) as per drawing attached	10	EA										
24	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 990 to 1000 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set). One set Cleat will be for holding the single core cable of	10	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	4 No. for supporting and spacing between the phases.												
25	Supply and Installation of CONNECTOR PALM LT BRASS 1000A for 500-630KVA distribution transformer	292	EA										
26	Supply and Installation of CONNECTOR PALM LT BRASS 2000A for 990-1000KVA distribution transformer	10	EA										
27	Supply of AL Lugs 95 sq mm, Crimping with cable/conductor and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	945	EA										
28	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 500 to 630 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set)	171	ST										
29	Supply, Fabrication and erection of MS Steel Structure including painting (one coat of red oxide & two coats of synthetic/aluminium paint) as per TP Central Orissa Distribution Co. Ltd. specification / drawing. Scope also includes supply of ISI marked paint. Size vary (Channel of Size-100*50,125*65,75*40, and ANGLE of	15256	KG										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	SIZE 50X50X6MM,& 75X75X6MM as per site survey and approved drawing)												
30	Supply, Installation and fixing of HDPE Pipe - 25mm dia for Wire/Cable protection. Scope also include supply and erection of all required accessories for fixing it with pole/structure such as GI cleat(12X3 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe ,collar fixing.	3781	M										
31	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for Cable.  Scope also includes supply of ISI marked paint. (Price per set).	413	ST										
32	Supply of AL Lugs 70 sq mm, Crimping with stay wire/earthing wire/conductor and Fixing/connecting to earth electrode etc. Scope also include supply and erection of PVC Tape as per voltage requirement.	46299	EA										
33	Supply of AL Lugs of 125 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	4040	EA										
34	Supply of AL Lugs of 55 to 80 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	808	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
35	Supply of AL Lugs of 148 to 232 sq mm for jumpering work of 33KV AB Switch, Crimping and connecting.	375	EA										
36	Supply and Installation of MVLC medium voltage line cover (Polypro).	142	М										
37	Supply and Fixing of GI Nut & Bolts of different size(12MMX50MM HEX,12MMX75MM HEX,16MMX100MM HEX,16MMX150MM HEX,16MMX200MM HEX,16MMX50MM HEX,16MMX75M HEX)etc based on site requirement.	9975	KG										
38	Supply and Installation of Pre-fabricated Hot dip Galvanized Steel Structure of different section (ISMC-100*50 GI Channel (9.76KG/M),ISMC-125*65 GI Channel (13.3KG/M),ISMC-75*40 GI Channel (7.24KG/M), ANGLE MS SIZE 50X50X6MM,ANGLE GI SIZE 75X75X6MM as per approved drawing and specification of TP Central Orissa Distribution Co. Ltd Scope also includes minor modification/fabrication required as per site condition/ for proper fitting. Size shall be customized based on site requirement.	113923	KG										
39	Supply and Installation of 11kV D.O. Fuse 3 Phase(Price per Set) including Fuse Link on existing	538	ST										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing												
40	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	372	EA										
41	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	372	EA										
42	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	51	EA										
43	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	68	EA										
44	SITC Installation of 33kV Post Insulator with hardware fitting as per TP Central Orissa Distribution Co. Ltd. specification/drawing	137	EA										
45	SITC BUS BAR COPPER HDT SIZE 75X10MM	73	М										
46	SITC Installation of 11 kV ,200Amp 3- Phase AB/G.O Switch on existing	261	ST										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure including alignment as per TP Central Orissa Distribution Co.												
47	Ltd. specification and drawing SITC Installation of 33 kV,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	27	ST										
48	SITC Installation of 11kV LA Single Phase on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing(LA 9KV 5KA FOR 11KV POLYMERIC)	657	EA										
49	SITC Installation of Barbed Wire (to avoid the climbing at pole) for 11Mtr/13 Meter pole as per TP Central Orissa Distribution Co. Ltd. specification and drawing.	637	KG										
50	SITC Installation of HT Danger Board with clamp(GI Flat 12X3 mm), nut & bolt as per TP Central Orissa Distribution Co. Ltd. specification	1270	EA										
51	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm AAAC conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	236	EA										
52	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm ACSR conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	354	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
53	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 90KN for 125 sq mm AAAC as per TP Central Orissa Distribution Co. Ltd. specification/drawing	436	EA										
54	SITC Installation of 11kV Polymeric Pin Insulator for 125 Sq mm with Hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1363	EA										
55	SITC Installation of 33kV Pin Insulator for 148 sq mm & 232 Sq mm conductor (PIN INSULATOR POLYMER 33 KV (10 KN))with hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	921	EA										
56	Installation of FPI with Communication Box with proper wiring on GPRS modem .	1500	EA										
57	Installation, Testing and Commissioning of 11/0.4kV, 630kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	73	EA										
58	Installation, Testing and Commissioning of 11/0.4kV, 160kVA/ 315KVA/ 400KVA/ 500KVA/ 3-Phase Distribution	11	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side												
59	Installation, Testing and Commissioning of 11/0.4kV, 1000kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	5	EA										
60	Installation, Testing and Commissioning of 11/0.4kV, 250kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	80	EA										
61	Installation testing and commissioning of LT ACB 400 Amps with enclosure on existing structure	146	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
62	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,63kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	10	EA										
63	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,160kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	10	EA										
64	Installation of Outdoor Type Distribution Box (BOX DIST.WITH 160A 35KA TP MCCB 6 O/G) with MCCB for Distribution Transformer etc.three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	90	EA										
65	Installation of Outdoor Type Distribution Box(BOX DIST.WITH 500A 50KA TP MCCB 5 O/G) with MCCB for 11/0.4kV,250kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	155	EA										
66	Installation of Fire Extinguisher by means of proper hooks clamps etc. as required including providing of grouting material (cement etc.) and painting of hooks/clamps. Scope exclude supply of hook/clamp	20	EA										
67	Installation of Fire Bucket including supply of sand by means of proper	20	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	hooks clamps etc. as required (price per bucket). Scope include supply of hooks/clamps/MS stand.												
68	Installation, Testing and Commissioning of 11kV 3-way Ring Main Unit on existing structure/foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	8	EA										
69	Installation, Testing and Commissioning of 11kV 4-way Ring Main Unit on existing structure / foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	4	EA										
70	Construction of 3-way RMU Plinth with Brick, Mortar, 12 mm cement plaster and painting with enamle paint.As per drawing	8	EA										
71	Construction of 4-way RMU Plinth with Brick, Mortar, 16 mm cement plaster and painting with enamle paint.As per drawing	4	EA										
72	Installation, Testing and commissioning of 11kV auto	8	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	reclosure Unit on existing structure as per TPCODL specification including loading from TPCODL Store  (Bhubneshwar/Cuttack/Nearby site) , unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.												
73	Installation, Testing and commissioning of 11kV Sectionaliser Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubaneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	24	EA										
74	Sagging & Stringing of Dog Conductor(80sq.mm to 125 sq.mm AAAC)	8363	М										
75	Sagging & Stringing of Aluminum Conductor Steel Rainforced(ACSR) (Equivalent to 125 sq mm AAAC Conductor) .	11635	М										
76	Sagging & Stringing of 148 mm2 All Aluminium Aloy Conductor(AAAC)	2201	М										
77	Sagging & Stringing of Aluminium Conductor Steel Rainforced (ACSR) (Equivalent to 148 sq mm AAAC Conductor).	2868	M										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
78	Sagging & Stringing of 232 sqmm All Aluminium Aloy Conductor(AAAC) .	9558	М										
79	Sagging & Stringing of sq232mm Aluminium Conductor Steel Rainforced(ACSR).	11526	М										
80	Supply, Sagging & Stringing of Insulated Rabbit Conductor for Jumpering work of Distribution Transformer & making of connection hooks etc.	3788	М										
81	Supply and erection of GI wire 7/10 SWG for stay wire and earthing of equipments/structure as per TP Central Orissa Distribution Co. Ltd. specification/drawing.	67119	М										
82	Supply and erection(Sagging/Stringing/Drawing) of GI wire 8 SWG for Guarding and Bracing including making of connection hooks etc. as per TP Central Orissa Distribution Co. Ltd. specification/drawing	147813	М										
83	Laying/stringing of Overhead LT 1.1 kV XLPE insulated PVC sheathed AL conductor GI wire Armoured Cable of size 4CX150 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable.	3220	М										
84	Supply and erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories and connecting with cross arm, Channel, angle and other	1045	EA										

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S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	accessories of pole having length up to 13 Mtr as per TP Central Orissa Distribution Co. Ltd. Design .												
85	Laying of LT, XLPE, GI wire Armoured, AL Cable of size 4CX300 sqmm in S/Sth. Trench/Trenchless duct/Tray/GI Pipe/Hume Pipe as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude laying of Hume Pipe, GI Pipe, PVC Pipe and Tray.	1795	М										
86	Laying (underground) of 1.1kV Armoured XLPE AL Cable of size 4CX300 sqmm in existing trench with supply & laying of 9 bricks horizontaly with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EICBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	1795	М										
87	Laying (underground) of 11kV Armoured XLPE AL Cable of size 3CX400/ 3X300 sqmm (Single Run) in open cut/ existing trench with supply & laying of 9bricks with sand & back filling, ramming and levelling	533	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EIC.BA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.												
88	Laying of 11kV Armoured XLPE AL Cable 3CX400/ 3X300 sqmm in S/Sth. Trench/Tray as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude fixing of Tray.BA will provide support during joint making by OEM of joint kit,no separate payment will be paid to BA for this support by BA.	266	Μ										
89	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX300 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. BA will provide support during joint making by OEM of joint kit, no separate payment will be paid to BA for this support by BA.	10	Μ										
90	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX630 sqmm as per TP Central Orissa	4775	М										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. specification including testing of cable												
91	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement- All work upto plinth level b) 1:2:4 (1cement : 2 coarse sand :4 graded stone aggregate 20 mm nominal size.	100	М3										
92	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX95 sqmm as per TPDDL specification including testing of cableBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	10	М										
93	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand (Zone - III): 6 graded stone aggregate 20 mm nominal size).	100	М3										
94	Treated Pipe earthing with 40mm dia 3 Mtr long Class-B GI Pipe with earth chamber as per TP Central Orissa Distribution Co. Ltd. specification and drawing (Each pit resistance will be measured and recorded and shall be less than 10hm). Scope include supply of all required material like Earth	1706	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electrode, Salt, Charcoal, Nuts-Bolt etc.												
95	Excavation of cable trench upto 975 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11/1.1kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	1333	МЗ										
96	Excavation of cable trench upto 1075 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	320	М3										
97	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqmm on plan) including disposal of excavated earth as per direction of EIC for all kinds of soil.	10	M3										
98	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides	10	М3										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed by EIC for all kinds of soil												
99	Fixing /installation of Cable Trench Cover.	200	М										
100	Indoor Termination kit of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	40	ST										
101	Indoor/Outdoor Termination Kit of HT (33KV) UGC including all related work and Approved Jointer	4	EA										
102	Outdoor Termination Kit of LT UGC (4cX300 Sq mm Cable) including all related work and Approved Jointer	292	EA										
103	Supply and Making & Fixing of Guard Lace(Bracing of length 1.5 mtr) of G.I. Wire 4 SWG for HV Line (price per lacing)	10331	EA										
104	Mounting of Cable (LT & HT) at Pole, after passing through suitable size of GI Pipe proper clamping and fixing wooden bush along with clamping of End Box. Scope of work excluding supply and erection of Wooden Cleat set( Including Nomenclature , phase marking and numbering)	473	ST										
105	Outdoor Termination of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	40	ST										
106	Sign writing on Transformer, double pole structure & fencing as per	867	EA										

						SUPP	LY			ERECTION		TO.	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	details mentioned in the scope of work and specification												
107	Sign writing - substation name as per details mentioned in the scope of work and specification	163	EA										
108	Sign writing on leg of 11 KV RMU as per details mentioned in the scope of work and specification (price per RMU)	12	EA										
109	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 709 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	377	EA										
110	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 407 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	314	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
111	Transportation of various items from TPCODL. store/site to other site or vice versa in TPCODL. operational area - Three wheeler/Vikram with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	377	EA										
112	Loading, transportation and Unloading of HT panel, Transformer, LT board, Cable drum/Conductor Drum with crane or tripode Per truck/tempo (Price per Truck/tempo)	414	EA										
113	Loading, transportation and Unloading of JOIST Pole of 11 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	700	EA										
114	Loading, transportation and Unloading of JOIST Pole of 13 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	351	EA										
115	Dismantling / Removal of all hardware fittings & Insulator etc. from Double Pole Structure including loading, transportation,	847	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	unloading and staking of dismantled material at a proper place in safe position.												
116	Dismantling of 11 Mtr. PCC/Joist Pole (Serviceable Pole) after digging the pit and taking out the pole, transportation and stacking the pole at a proper place in safe position within 3km /BA site store and refilling the pit with loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	866	EA										
117	Dismantling of 11kV Pin Insulator with Pin including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	2788	EA										
118	Dismantling of 11kV Disc Insulator with Hardware including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	2693	EA										
119	Dismantling of Danger Board including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1500	EA										
120	Dismantling of the G.I.Wire 7/8 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and	1500	Kg										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
121	Dismantling of the G.I.Wire 7/10 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	1500	Kg										
122	Dismantling of the G.I.Wire 4 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	1500	Kg										
123	Dismantling/Removal of all hardware fittings & Insulator etc. from HT Single Pole including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per Pole)	1500	EA										
124	Dismantling of Lightening Arrester(LA) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	484	EA										
125	Dismantling of LT Distribution Box suitable for 3-Phase Distribution Transformer including their safe removal. Scope of work also includes removal of all the	336	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store.												
126	Dismantling of three phase DD Fuse/ fuse set arrangement fitted on structure (price per set) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	800	EA										
127	Dismantling of ACB-400A including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	146	EA										
128	Dismantling of ACSR DOG conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	538	М										
129	Dismantling of ACSR Rabbit conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	538	М										
130	Dismantling of ACSR Racoon conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	538	М										
131	Dismantling of HT AL Bus bar mounted on 11kV insulator with re-	134	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	openable insulation cover including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store												
132	Dismantling/Removal of all hardware fittings & Insulator etc. from Triple Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per TP Structure)	134	EA										
133	Dismantling of Fencing structure and loading, transportation, unloading and staking at a proper place in safe position/BA site store	134	Kg										
134	Dismantling of existing 11/0.4kV, 630kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	73	EA										
135	Dismantling/Removal of all hardware fittings & Insulator etc. from Four Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	114	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
136	Dismantling of existing Street Light fixture and loading, transportation, unloading and staking at a proper place in safe position/BA site store	67	EA										
137	Dismantling of 11 Mtr. PCC/Joist Pole (Broken Pole) after digging the pit and taking out the pole, refilling the pit with loose earth and ramming. Scope also include crushing of broken Pole and removal & disposal of malba at proper location as per instruction of EIC	15	EA										
138	Dismantling of existing 11/0.4kV, 250kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	80	EA										
139	Dismantling of existing 11/0.4kV, 990/1000kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	10	EA										
140	Dismantling of 10/8 Way Moulded Bus Bar Box including removal of all Electric/Earth connections, loading, transportation, unloading and	10	EA										

						SUPP	LY			ERECTION		TOT	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
141	Dismantling of 11 kV GO/AB Switch including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	153	EA										
142	Dismantling of Steel Structure and Nuts and Bolt including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	15300	KG										
	TOTAL (All Inclusive Value	)											

Signature & Seal of the Bidder

## Lot-3- Cuttack (CDD-I, Cuttack; CDD-II, Cuttack; CED, Cuttack, AED; Athagarh, SED, Salipur)

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
1	Installation/Erection of (150X 150mm RS joist (11 Mtr long) (30.6 kg Per meter) (Each 336.6kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate, fixing of clamps, iron fittings, steel fabricated work (Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.	1290	EA										
2	Installation/Erection of 150X 150mm RS joist (13 Mtr long)(34.6 kg Per meter)(Each 415.2kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate,fixing of clamps ,iron fittings,steel fabricated work(Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction	232	EA										

						SUPP	LY			ERECTION		TO <sup>*</sup>	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	of EIC.The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.												
3	Supply and Fixing of HT Complete Stay Set as per TP Central Orissa Distribution Co. Ltd. specifications and drawing. The scope of work includes excavation for all type of soils/RCC/Bituminous/ Rocky/Rajasthani tiles etc., breaking of asphalt, (only Fixing of Stay Wire (GI 7/10 SWG), Base Plate,Anchor road, Tension screw(GI SIZE 750X20MM), Egg insulator, etc back filling removal & disposing of malba as per instruction of EIC etc. Including stringing of GI Wire, fabrication works and providing and laying of cement concrete, supply , fabrication and erection of stay set clamp, nut-bot etc all consumable items.	1240	ST										
4	Brick betting for Pole foundation including supply of consumables and strengthening as per TP Central Orissa Distribution Co. Ltd. specification/drawing (Price per pole/foundation)	200	EA										
5	Supply and erection of Glanding for armored 1.1 kV XLPE AL Cable - 4CX300 sqmm, including making hole in base plate and dressing of	204	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	cable along with Vermin proofing properly												
6	Supply and Installation of Bird Cap for Lightning Arrestor	1325	EA										
7	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 11kv Line as per Drawing	1300	EA										
8	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 33kv Line as per Drawing	700	EA										
9	Supply and laying of sand in substation cable trench (where it is not included in the scope)	101	МЗ										
10	Supply and Installation of 4cx300 sqmm O/D Termination kit.	10	EA										
11	Supply and installation of Glanding armored 1.1 kV XLPE AL Cable - 4CX150 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly .	1044	EA										
12	Supply and Fixing of Rubber Mat & First Aid Chart(MAT RUBBER 15KV SIZE 1X2MX2.5MM THICK)	20	EA										
13	Supply and Installation of mini wedge Connector for jumpering work for different size of conductor(For Connecting the	1984	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	conductor of different conductor size 55 to 100 Sq mm)												
14	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 125 Sq mm)	365	EA										
15	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 148 to 232 Sq mm)	857	EA										
16	Supply and Installation of P.G. CLAMP FOR 125 MM2 AAC CONDUCTOR	327	EA										
17	Supply and Installation of P.G. CLAMP FOR 148 MM2 AAC CONDUCTOR	410	EA										
18	Supply and Installation of P.G. CLAMP FOR 232 MM2 AAC CONDUCTOR	100	EA										
19	Supply, Installation and fixing of 100 mm dia GI Pipe for Cable protection(PIPE G.I.100MM DIA HEAVY CLASS PLAIN END). Scope also include supply and erection of all required accesseries for fixing it with pole/structure such as GI cleat(75X12 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe .	1407	М										
20	Supply of AL Lugs 150 sq mm, Crimping with cable and	5176	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Fixing/connecting with ACB/Transformer/MCCB etc.Scope also include supply and erection of PVC Tape as per voltage requirement.												
21	Supply of AL Lugs 300 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	1071	EA										
22	Supply of AL Lugs 630 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	5200	EA										
23	Supply and Installation of Template for Transformer maintenance Record(Transformer Health Card).It will be MS Steel sheet of size(Length 1.5 foot, Breadth 1 Foot and Thickness 2mm) as per drawing attached	150	EA										
24	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 990 to 1000 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set). One set Cleat will be for holding the single core cable of	29	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	4 No. for supporting and spacing between the phases.												
25	Supply and Installation of CONNECTOR PALM LT BRASS 1000A for 500-630KVA distribution transformer	756	EA										
26	Supply and Installation of CONNECTOR PALM LT BRASS 2000A for 990-1000KVA distribution transformer	44	EA										
27	Supply of AL Lugs 95 sq mm, Crimping with cable/conductor and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	2988	EA										
28	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 500 to 630 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set)	442	ST										
29	Supply, Fabrication and erection of MS Steel Structure including painting (one coat of red oxide & two coats of synthetic/aluminium paint) as per TP Central Orissa Distribution Co. Ltd. specification / drawing. Scope also includes supply of ISI marked paint. Size vary (Channel of Size-100*50,125*65,75*40, and ANGLE of	24664	KG										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	SIZE 50X50X6MM,& 75X75X6MM as per site survey and approved drawing)												
30	Supply, Installation and fixing of HDPE Pipe - 25mm dia for Wire/Cable protection. Scope also include supply and erection of all required accessories for fixing it with pole/structure such as GI cleat(12X3 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe ,collar fixing.	9946	М										
31	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for Cable.  Scope also includes supply of ISI marked paint. (Price per set).	1114	ST										
32	Supply of AL Lugs 70 sq mm, Crimping with stay wire/earthing wire/conductor and Fixing/connecting to earth electrode etc. Scope also include supply and erection of PVC Tape as per voltage requirement.	60558	EA										
33	Supply of AL Lugs of 125 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	8503	EA										
34	Supply of AL Lugs of 55 to 80 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	1700	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
35	Supply of AL Lugs of 148 to 232 sq mm for jumpering work of 33KV AB Switch, Crimping and connecting.	300	EA										
36	Supply and Installation of MVLC medium voltage line cover (Polypro).	355	М										
37	Supply and Fixing of GI Nut & Bolts of different size(12MMX50MM HEX,12MMX75MM HEX,16MMX100MM HEX,16MMX150MM HEX,16MMX200MM HEX,16MMX50MM HEX,16MMX75M HEX)etc based on site requirement.	24876	KG										
38	Supply and Installation of Pre-fabricated Hot dip Galvanized Steel Structure of different section (ISMC-100*50 GI Channel (9.76KG/M),ISMC-125*65 GI Channel (13.3KG/M),ISMC-75*40 GI Channel (7.24KG/M), ANGLE MS SIZE 50X50X6MM,ANGLE GI SIZE 75X75X6MM as per approved drawing and specification of TP Central Orissa Distribution Co. Ltd Scope also includes minor modification/fabrication required as per site condition/ for proper fitting. Size shall be customized based on site requirement.	348193	KG										
39	Supply and Installation of 11kV D.O. Fuse 3 Phase(Price per Set) including Fuse Link on existing	1133	ST										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing												
40	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	15	EA										
41	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	15	EA										
42	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	410	EA										
43	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	547	EA										
44	SITC Installation of 33kV Post Insulator with hardware fitting as per TP Central Orissa Distribution Co. Ltd. specification/drawing	205	EA										
45	SITC BUS BAR COPPER HDT SIZE 75X10MM	200	М										
46	SITC Installation of 11 kV ,200Amp 3- Phase AB/G.O Switch on existing	409	ST										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing												
47	SITC Installation of 33 kV,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	22	ST										
48	SITC Installation of 11kV LA Single Phase on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing(LA 9KV 5KA FOR 11KV POLYMERIC)	1258	EA										
49	SITC Installation of Barbed Wire ( to avoid the climbing at pole) for 11Mtr/13 Meter pole as per TP Central Orissa Distribution Co. Ltd. specification and drawing.	1414	KG										
50	SITC Installation of HT Danger Board with clamp(GI Flat 12X3 mm), nut & bolt as per TP Central Orissa Distribution Co. Ltd. specification	2531	EA										
51	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm AAAC conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	945	EA										
52	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm ACSR conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1418	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
53	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 90KN for 125 sq mm AAAC as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1745	EA										
54	SITC Installation of 11kV Polymeric Pin Insulator for 125 Sq mm with Hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	5454	EA										
55	SITC Installation of 33kV Pin Insulator for 148 sq mm & 232 Sq mm conductor (PIN INSULATOR POLYMER 33 KV (10 KN))with hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1371	EA										
56	Installation of FPI with Communication Box with proper wiring on GPRS modem .	600	EA										
57	Installation, Testing and Commissioning of 11/0.4kV, 630kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	189	EA										
58	Installation, Testing and Commissioning of 11/0.4kV, 160kVA/ 315KVA/ 400KVA/ 500KVA/ 3-Phase Distribution	29	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side												
59	Installation, Testing and Commissioning of 11/0.4kV, 1000kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	11	EA										
60	Installation, Testing and Commissioning of 11/0.4kV, 250kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	122	EA										
61	Installation testing and commissioning of LT ACB 400 Amps with enclosure on existing structure	422	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
62	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,63kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	10	EA										
63	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,160kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	19	EA										
64	Installation of Outdoor Type Distribution Box (BOX DIST.WITH 160A 35KA TP MCCB 6 O/G) with MCCB for Distribution Transformer etc.three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	150	EA										
65	Installation of Outdoor Type Distribution Box(BOX DIST.WITH 500A 50KA TP MCCB 5 O/G) with MCCB for 11/0.4kV,250kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	224	EA										
66	Installation of Fire Extinguisher by means of proper hooks clamps etc. as required including providing of grouting material (cement etc.) and painting of hooks/clamps. Scope exclude supply of hook/clamp	25	EA										
67	Installation of Fire Bucket including supply of sand by means of proper	25	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	hooks clamps etc. as required (price per bucket). Scope include supply of hooks/clamps/MS stand.												
68	Installation, Testing and Commissioning of 11kV 3-way Ring Main Unit on existing structure/foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	12	EA										
69	Installation, Testing and Commissioning of 11kV 4-way Ring Main Unit on existing structure / foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	4	EA										
70	Construction of 3-way RMU Plinth with Brick, Mortar, 12 mm cement plaster and painting with enamle paint.As per drawing	12	EA										
71	Construction of 4-way RMU Plinth with Brick, Mortar, 16 mm cement plaster and painting with enamle paint.As per drawing	4	EA										
72	Installation, Testing and commissioning of 11kV auto	8	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	reclosure Unit on existing structure as per TPCODL specification including loading from TPCODL Store  (Bhubneshwar/Cuttack/Nearby site) , unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.												
73	Installation, Testing and commissioning of 11kV Sectionaliser Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubaneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	24	EA										
74	Sagging & Stringing of Dog Conductor(80sq.mm to 125 sq.mm AAAC)	33452	М										
75	Sagging & Stringing of Aluminum Conductor Steel Rainforced(ACSR) (Equivalent to 125 sq mm AAAC Conductor) .	46542	М										
76	Sagging & Stringing of 148 mm2 All Aluminium Aloy Conductor(AAAC)	17304	М										
77	Sagging & Stringing of Aluminium Conductor Steel Rainforced (ACSR) (Equivalent to 148 sq mm AAAC Conductor) .	22536	M										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
78	Sagging & Stringing of 232 sqmm All Aluminium Aloy Conductor(AAAC) .	100	М										
79	Sagging & Stringing of sq232mm Aluminium Conductor Steel Rainforced(ACSR).	100	М										
80	Supply, Sagging & Stringing of Insulated Rabbit Conductor for Jumpering work of Distribution Transformer & making of connection hooks etc.	7972	М										
81	Supply and erection of GI wire 7/10 SWG for stay wire and earthing of equipments/structure as per TP Central Orissa Distribution Co. Ltd. specification/drawing.	128233	М										
82	Supply and erection(Sagging/Stringing/Drawing) of GI wire 8 SWG for Guarding and Bracing including making of connection hooks etc. as per TP Central Orissa Distribution Co. Ltd. specification/drawing	144533	М										
83	Laying/stringing of Overhead LT 1.1 kV XLPE insulated PVC sheathed AL conductor GI wire Armoured Cable of size 4CX150 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable.	4673	М										
84	Supply and erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories and connecting with cross arm, Channel, angle and other	2081	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	accessories of pole having length up to 13 Mtr as per TP Central Orissa Distribution Co. Ltd. Design .												
85	Laying of LT, XLPE, GI wire Armoured, AL Cable of size 4CX300 sqmm in S/Sth. Trench/Trenchless duct/Tray/GI Pipe/Hume Pipe as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude laying of Hume Pipe, GI Pipe, PVC Pipe and Tray.	5188	М										
86	Laying (underground) of 1.1kV Armoured XLPE AL Cable of size 4CX300 sqmm in existing trench with supply & laying of 9 bricks horizontaly with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EICBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	5188	М										
87	Laying (underground) of 11kV Armoured XLPE AL Cable of size 3CX400/ 3X300 sqmm (Single Run) in open cut/ existing trench with supply & laying of 9bricks with sand & back filling, ramming and levelling	800	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
88	of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EIC.BA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.  Laying of 11kV Armoured XLPE AL Cable 3CX400/ 3X300 sqmm in S/Sth. Trench/Tray as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude fixing of Tray.BA will provide support during joint making by OEM of joint kit,no separate payment will be paid	401	M										
89	to BA for this support by BA.  Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX300 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. BA will provide support during joint making by OEM of joint kit, no separate payment will be paid to BA for this support by BA.	716	M										
90	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX630 sqmm as per TP Central Orissa	13376	M										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. specification including testing of cable												
91	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement- All work upto plinth level b) 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size.	807	МЗ										
92	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX95 sqmm as per TPDDL specification including testing of cableBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	30	М										
93	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand (Zone - III): 6 graded stone aggregate 20 mm nominal size).	500	М3										
94	Treated Pipe earthing with 40mm dia 3 Mtr long Class-B GI Pipe with earth chamber as per TP Central Orissa Distribution Co. Ltd. specification and drawing (Each pit resistance will be measured and recorded and shall be less than 10hm). Scope include supply of all required material like Earth	2892	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electrode, Salt, Charcoal, Nuts-Bolt etc.												
95	Excavation of cable trench upto 975 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11/1.1kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	2000	МЗ										
96	Excavation of cable trench upto 1075 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	480	МЗ										
97	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqmm on plan) including disposal of excavated earth as per direction of EIC for all kinds of soil.	30	M3										
98	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides	30	M3										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed by EIC for all kinds of soil												
99	Fixing /installation of Cable Trench Cover.	1400	М										
100	Indoor Termination kit of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	52	ST										
101	Indoor/Outdoor Termination Kit of HT (33KV) UGC including all related work and Approved Jointer	4	EA										
102	Outdoor Termination Kit of LT UGC (4cX300 Sq mm Cable) including all related work and Approved Jointer	844	EA										
103	Supply and Making & Fixing of Guard Lace(Bracing of length 1.5 mtr) of G.I. Wire 4 SWG for HV Line (price per lacing)	25828	EA										
104	Mounting of Cable (LT & HT) at Pole, after passing through suitable size of GI Pipe proper clamping and fixing wooden bush along with clamping of End Box. Scope of work excluding supply and erection of Wooden Cleat set( Including Nomenclature , phase marking and numbering)	876	ST										
105	Outdoor Termination of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	52	ST										
106	Sign writing on Transformer, double pole structure & fencing as per	1744	EA										

						SUPP	LY			ERECTION		TO <sup>-</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	details mentioned in the scope of work and specification												
107	Sign writing - substation name as per details mentioned in the scope of work and specification	344	EA										
108	Sign writing on leg of 11 KV RMU as per details mentioned in the scope of work and specification (price per RMU)	16	EA										
109	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 709 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	777	EA										
110	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 407 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	647	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
111	Transportation of various items from TPCODL. store/site to other site or vice versa in TPCODL. operational area - Three wheeler/Vikram with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	777	EA										
112	Loading, transportation and Unloading of HT panel, Transformer, LT board, Cable drum/Conductor Drum with crane or tripode Per truck/tempo (Price per Truck/tempo)	844	EA										
113	Loading, transportation and Unloading of JOIST Pole of 11 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	1400	EA										
114	Loading, transportation and Unloading of JOIST Pole of 13 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	457	EA										
115	Dismantling / Removal of all hardware fittings & Insulator etc. from Double Pole Structure including loading, transportation,	1524	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	unloading and staking of dismantled material at a proper place in safe position.												
116	Dismantling of 11 Mtr. PCC/Joist Pole (Serviceable Pole) after digging the pit and taking out the pole, transportation and stacking the pole at a proper place in safe position within 3km /BA site store and refilling the pit with loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	1204	EA										
117	Dismantling of 11kV Pin Insulator with Pin including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	5867	EA										
118	Dismantling of 11kV Disc Insulator with Hardware including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	5669	EA										
119	Dismantling of Danger Board including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	EA										
120	Dismantling of the G.I.Wire 7/8 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and	3500	Kg										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
121	Dismantling of the G.I.Wire 7/10 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	Kg										
122	Dismantling of the G.I.Wire 4 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	3500	Kg										
123	Dismantling/Removal of all hardware fittings & Insulator etc. from HT Single Pole including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per Pole)	3500	EA										
124	Dismantling of Lightening Arrester(LA) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1020	EA										
125	Dismantling of LT Distribution Box suitable for 3-Phase Distribution Transformer including their safe removal. Scope of work also includes removal of all the	708	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store.												
126	Dismantling of three phase DD Fuse/ fuse set arrangement fitted on structure (price per set) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	450	EA										
127	Dismantling of ACB-400A including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	422	EA										
128	Dismantling of ACSR DOG conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1133	М										
129	Dismantling of ACSR Rabbit conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1133	М										
130	Dismantling of ACSR Racoon conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	1133	М										
131	Dismantling of HT AL Bus bar mounted on 11kV insulator with re-	283	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	openable insulation cover including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store												
132	Dismantling/Removal of all hardware fittings & Insulator etc. from Triple Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per TP Structure)	283	EA										
133	Dismantling of Fencing structure and loading, transportation, unloading and staking at a proper place in safe position/BA site store	283	Kg										
134	Dismantling of existing 11/0.4kV, 630kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	189	EA										
135	Dismantling/Removal of all hardware fittings & Insulator etc. from Four Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	171	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
136	Dismantling of existing Street Light fixture and loading, transportation, unloading and staking at a proper place in safe position/BA site store	141	EA										
137	Dismantling of 11 Mtr. PCC/Joist Pole (Broken Pole) after digging the pit and taking out the pole, refilling the pit with loose earth and ramming. Scope also include crushing of broken Pole and removal & disposal of malba at proper location as per instruction of EIC	30	EA										
138	Dismantling of existing 11/0.4kV, 250kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	122	EA										
139	Dismantling of existing 11/0.4kV, 990/1000kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	11	EA										
140	Dismantling of 10/8 Way Moulded Bus Bar Box including removal of all Electric/Earth connections, loading, transportation, unloading and	6	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
141	Dismantling of 11 kV GO/AB Switch including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	322	EA										
142	Dismantling of Steel Structure and Nuts and Bolt including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	32200	KG										
	TOTAL (All Inclusive Value	)											

Signature & Seal of the Bidder

## Lot-4- Dhenkanal (DED, Dhenkanal; TED, Chainpal; AED, Angul)

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
1	Installation/Erection of (150X 150mm RS joist (11 Mtr long) (30.6 kg Per meter) (Each 336.6kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate, fixing of clamps, iron fittings, steel fabricated work (Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.	600	EA										
2	Installation/Erection of 150X 150mm RS joist (13 Mtr long)(34.6 kg Per meter)(Each 415.2kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate,fixing of clamps ,iron fittings,steel fabricated work(Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction	115	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	of EIC.The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.												
3	Supply and Fixing of HT Complete Stay Set as per TP Central Orissa Distribution Co. Ltd. specifications and drawing. The scope of work includes excavation for all type of soils/RCC/Bituminous/ Rocky/Rajasthani tiles etc., breaking of asphalt, (only Fixing of Stay Wire (GI 7/10 SWG), Base Plate,Anchor road, Tension screw(GI SIZE 750X20MM), Egg insulator, etc back filling removal & disposing of malba as per instruction of EIC etc. Including stringing of GI Wire, fabrication works and providing and laying of cement concrete, supply , fabrication and erection of stay set clamp, nut-bot etc all consumable items.	444	ST										
4	Brick betting for Pole foundation including supply of consumables and strengthening as per TP Central Orissa Distribution Co. Ltd. specification/drawing (Price per pole/foundation)	200	EA										
5	Supply and erection of Glanding for armored 1.1 kV XLPE AL Cable - 4CX300 sqmm, including making hole in base plate and dressing of	32	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	cable along with Vermin proofing properly												
6	Supply and Installation of Bird Cap for Lightning Arrestor	631	EA										
7	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 11kv Line as per Drawing	550	EA										
8	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 33kv Line as per Drawing	350	EA										
9	Supply and laying of sand in substation cable trench (where it is not included in the scope)	85	МЗ										
10	Supply and Installation of 4cx300 sqmm O/D Termination kit.	5	EA										
11	Supply and installation of Glanding armored 1.1 kV XLPE AL Cable - 4CX150 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly .	856	EA										
12	Supply and Fixing of Rubber Mat & First Aid Chart(MAT RUBBER 15KV SIZE 1X2MX2.5MM THICK)	10	EA										
13	Supply and Installation of mini wedge Connector for jumpering work for different size of conductor(For Connecting the	739	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	conductor of different conductor size 55 to 100 Sq mm)												
14	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 125 Sq mm)	90	EA										
15	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 148 to 232 Sq mm)	286	EA										
16	Supply and Installation of P.G. CLAMP FOR 125 MM2 AAC CONDUCTOR	81	EA										
17	Supply and Installation of P.G. CLAMP FOR 148 MM2 AAC CONDUCTOR	137	EA										
18	Supply and Installation of P.G. CLAMP FOR 232 MM2 AAC CONDUCTOR	10	EA										
19	Supply, Installation and fixing of 100 mm dia GI Pipe for Cable protection(PIPE G.I.100MM DIA HEAVY CLASS PLAIN END). Scope also include supply and erection of all required accesseries for fixing it with pole/structure such as GI cleat(75X12 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe .	277	М										
20	Supply of AL Lugs 150 sq mm, Crimping with cable and	4424	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Fixing/connecting with ACB/Transformer/MCCB etc.Scope also include supply and erection of PVC Tape as per voltage requirement.												
21	Supply of AL Lugs 300 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	440	EA										
22	Supply of AL Lugs 630 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	912	EA										
23	Supply and Installation of Template for Transformer maintenance Record(Transformer Health Card).It will be MS Steel sheet of size(Length 1.5 foot, Breadth 1 Foot and Thickness 2mm) as per drawing attached	20	EA										
24	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 990 to 1000 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set). One set Cleat will be for holding the single core cable of	40	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	4 No. for supporting and spacing between the phases.												
25	Supply and Installation of CONNECTOR PALM LT BRASS 1000A for 500-630KVA distribution transformer	120	EA										
26	Supply and Installation of CONNECTOR PALM LT BRASS 2000A for 990-1000KVA distribution transformer	8	EA										
27	Supply of AL Lugs 95 sq mm, Crimping with cable/conductor and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	2300	EA										
28	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 500 to 630 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set)	70	ST										
29	Supply, Fabrication and erection of MS Steel Structure including painting (one coat of red oxide & two coats of synthetic/aluminium paint) as per TP Central Orissa Distribution Co. Ltd. specification / drawing. Scope also includes supply of ISI marked paint. Size vary (Channel of Size-100*50,125*65,75*40, and ANGLE of	12352	KG										

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S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	SIZE 50X50X6MM,& 75X75X6MM as per site survey and approved drawing)												
30	Supply, Installation and fixing of HDPE Pipe - 25mm dia for Wire/Cable protection. Scope also include supply and erection of all required accessories for fixing it with pole/structure such as GI cleat(12X3 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe ,collar fixing.	2757	М										
31	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for Cable.  Scope also includes supply of ISI marked paint. (Price per set).	238	ST										
32	Supply of AL Lugs 70 sq mm, Crimping with stay wire/earthing wire/conductor and Fixing/connecting to earth electrode etc. Scope also include supply and erection of PVC Tape as per voltage requirement.	42999	EA										
33	Supply of AL Lugs of 125 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	3169	EA										
34	Supply of AL Lugs of 55 to 80 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	633	EA										

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S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
35	Supply of AL Lugs of 148 to 232 sq mm for jumpering work of 33KV AB Switch, Crimping and connecting.	375	EA										
36	Supply and Installation of MVLC medium voltage line cover (Polypro).	99	М										
37	Supply and Fixing of GI Nut & Bolts of different size(12MMX50MM HEX,12MMX75MM HEX,16MMX100MM HEX,16MMX150MM HEX,16MMX200MM HEX,16MMX50MM HEX,16MMX75M HEX)etc based on site requirement.	6992	KG										
38	Supply and Installation of Pre-fabricated Hot dip Galvanized Steel Structure of different section (ISMC-100*50 GI Channel (9.76KG/M),ISMC-125*65 GI Channel (13.3KG/M),ISMC-75*40 GI Channel (7.24KG/M), ANGLE MS SIZE 50X50X6MM,ANGLE GI SIZE 75X75X6MM as per approved drawing and specification of TP Central Orissa Distribution Co. Ltd Scope also includes minor modification/fabrication required as per site condition/ for proper fitting. Size shall be customized based on site requirement.	92728	KG										
39	Supply and Installation of 11kV D.O. Fuse 3 Phase(Price per Set) including Fuse Link on existing	422	ST										

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S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing												
40	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	10	EA										
41	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	10	EA										
42	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	137	EA										
43	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	183	EA										
44	SITC Installation of 33kV Post Insulator with hardware fitting as per TP Central Orissa Distribution Co. Ltd. specification/drawing	68	EA										
45	SITC BUS BAR COPPER HDT SIZE 75X10MM	32	М										
46	SITC Installation of 11 kV ,200Amp 3- Phase AB/G.O Switch on existing	227	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure including alignment as per TP Central Orissa Distribution Co.												
47	Ltd. specification and drawing SITC Installation of 33 kV,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	27	ST										
48	SITC Installation of 11kV LA Single Phase on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing(LA 9KV 5KA FOR 11KV POLYMERIC)	540	EA										
49	SITC Installation of Barbed Wire ( to avoid the climbing at pole) for 11Mtr/13 Meter pole as per TP Central Orissa Distribution Co. Ltd. specification and drawing.	539	KG										
50	SITC Installation of HT Danger Board with clamp(GI Flat 12X3 mm), nut & bolt as per TP Central Orissa Distribution Co. Ltd. specification	1012	EA										
51	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm AAAC conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	236	EA										
52	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm ACSR conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	354	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
53	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 90KN for 125 sq mm AAAC as per TP Central Orissa Distribution Co. Ltd. specification/drawing	436	EA										
54	SITC Installation of 11kV Polymeric Pin Insulator for 125 Sq mm with Hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1363	EA										
55	SITC Installation of 33kV Pin Insulator for 148 sq mm & 232 Sq mm conductor (PIN INSULATOR POLYMER 33 KV (10 KN))with hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	458	EA										
56	Installation of FPI with Communication Box with proper wiring on GPRS modem .	1350	EA										
57	Installation, Testing and Commissioning of 11/0.4kV, 630kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	30	EA										
58	Installation, Testing and Commissioning of 11/0.4kV, 160kVA/ 315KVA/ 400KVA/ 500KVA/ 3-Phase Distribution	7	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side												
59	Installation, Testing and Commissioning of 11/0.4kV, 1000kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	10	EA										
60	Installation, Testing and Commissioning of 11/0.4kV, 250kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	88	EA										
61	Installation testing and commissioning of LT ACB 400 Amps with enclosure on existing structure	68	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
62	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,63kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	10	EA										
63	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,160kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	10	EA										
64	Installation of Outdoor Type Distribution Box (BOX DIST.WITH 160A 35KA TP MCCB 6 O/G) with MCCB for Distribution Transformer etc.three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	110	EA										
65	Installation of Outdoor Type Distribution Box(BOX DIST.WITH 500A 50KA TP MCCB 5 O/G) with MCCB for 11/0.4kV,250kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	175	EA										
66	Installation of Fire Extinguisher by means of proper hooks clamps etc. as required including providing of grouting material (cement etc.) and painting of hooks/clamps. Scope exclude supply of hook/clamp	15	EA										
67	Installation of Fire Bucket including supply of sand by means of proper	15	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	hooks clamps etc. as required (price per bucket). Scope include supply of hooks/clamps/MS stand.												
68	Installation, Testing and Commissioning of 11kV 3-way Ring Main Unit on existing structure/foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	10	EA										
69	Installation, Testing and Commissioning of 11kV 4-way Ring Main Unit on existing structure / foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	4	EA										
70	Construction of 3-way RMU Plinth with Brick, Mortar, 12 mm cement plaster and painting with enamle paint.As per drawing	10	EA										
71	Construction of 4-way RMU Plinth with Brick, Mortar, 16 mm cement plaster and painting with enamle paint.As per drawing	4	EA										
72	Installation, Testing and commissioning of 11kV auto	8	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	reclosure Unit on existing structure as per TPCODL specification including loading from TPCODL Store  (Bhubneshwar/Cuttack/Nearby site) , unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.												
73	Installation, Testing and commissioning of 11kV Sectionaliser Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubaneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	24	EA										
74	Sagging & Stringing of Dog Conductor(80sq.mm to 125 sq.mm AAAC)	8363	М										
75	Sagging & Stringing of Aluminum Conductor Steel Rainforced(ACSR) (Equivalent to 125 sq mm AAAC Conductor).	11635	М										
76	Sagging & Stringing of 148 mm2 All Aluminium Aloy Conductor(AAAC)	5789	М										
77	Sagging & Stringing of Aluminium Conductor Steel Rainforced (ACSR) (Equivalent to 148 sq mm AAAC Conductor) .	7538	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
78	Sagging & Stringing of 232 sqmm All Aluminium Aloy Conductor(AAAC) .	10	M										
79	Sagging & Stringing of sq232mm Aluminium Conductor Steel Rainforced(ACSR).	10	M										
80	Supply, Sagging & Stringing of Insulated Rabbit Conductor for Jumpering work of Distribution Transformer & making of connection hooks etc.	2971	M										
81	Supply and erection of GI wire 7/10 SWG for stay wire and earthing of equipments/structure as per TP Central Orissa Distribution Co. Ltd. specification/drawing.	55379	M										
82	Supply and erection(Sagging/Stringing/Drawing) of GI wire 8 SWG for Guarding and Bracing including making of connection hooks etc. as per TP Central Orissa Distribution Co. Ltd. specification/drawing	40469	M										
83	Laying/stringing of Overhead LT 1.1 kV XLPE insulated PVC sheathed AL conductor GI wire Armoured Cable of size 4CX150 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable.	3824	M										
84	Supply and erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories and connecting with cross arm, Channel, angle and other	832	EA										

						SUPP	LY			ERECTION		TO	ΓAL
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	accessories of pole having length up to 13 Mtr as per TP Central Orissa Distribution Co. Ltd. Design .												
85	Laying of LT, XLPE, GI wire Armoured, AL Cable of size 4CX300 sqmm in S/Sth. Trench/Trenchless duct/Tray/GI Pipe/Hume Pipe as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude laying of Hume Pipe, GI Pipe, PVC Pipe and Tray.	836	М										
86	Laying (underground) of 1.1kV Armoured XLPE AL Cable of size 4CX300 sqmm in existing trench with supply & laying of 9 bricks horizontaly with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EICBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	836	М										
87	Laying (underground) of 11kV Armoured XLPE AL Cable of size 3CX400/ 3X300 sqmm (Single Run) in open cut/ existing trench with supply & laying of 9bricks with sand & back filling, ramming and levelling	666	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
88	of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EIC.BA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.  Laying of 11kV Armoured XLPE AL Cable 3CX400/ 3X300 sqmm in S/Sth. Trench/Tray as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude fixing of Tray.BA will provide support during joint making by OEM of joint kit,no separate payment will be paid	332	M										
89	to BA for this support by BA.  Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX300 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. BA will provide support during joint making by OEM of joint kit, no separate payment will be paid to BA for this support by BA.	130	M										
90	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX630 sqmm as per TP Central Orissa	2146	M										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. specification including testing of cable												
91	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement- All work upto plinth level b) 1:2:4 (1cement : 2 coarse sand :4 graded stone aggregate 20 mm nominal size.	100	М3										
92	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX95 sqmm as per TPDDL specification including testing of cableBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	10	М										
93	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand (Zone - III): 6 graded stone aggregate 20 mm nominal size).	150	М3										
94	Treated Pipe earthing with 40mm dia 3 Mtr long Class-B GI Pipe with earth chamber as per TP Central Orissa Distribution Co. Ltd. specification and drawing (Each pit resistance will be measured and recorded and shall be less than 10hm). Scope include supply of all required material like Earth	1250	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electrode, Salt, Charcoal, Nuts-Bolt etc.												
95	Excavation of cable trench upto 975 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11/1.1kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	1666	МЗ										
96	Excavation of cable trench upto 1075 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	399	М3										
97	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqmm on plan) including disposal of excavated earth as per direction of EIC for all kinds of soil.	15	M3										
98	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides	15	М3										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed by EIC for all kinds of soil												
99	Fixing /installation of Cable Trench Cover.	400	М										
100	Indoor Termination kit of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	46	ST										
101	Indoor/Outdoor Termination Kit of HT (33KV) UGC including all related work and Approved Jointer	10	EA										
102	Outdoor Termination Kit of LT UGC (4cX300 Sq mm Cable) including all related work and Approved Jointer	136	EA										
103	Supply and Making & Fixing of Guard Lace(Bracing of length 1.5 mtr) of G.I. Wire 4 SWG for HV Line (price per lacing)	7231	EA										
104	Mounting of Cable (LT & HT) at Pole, after passing through suitable size of GI Pipe proper clamping and fixing wooden bush along with clamping of End Box. Scope of work excluding supply and erection of Wooden Cleat set( Including Nomenclature , phase marking and numbering)	454	ST										
105	Outdoor Termination of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	46	ST										
106	Sign writing on Transformer, double pole structure & fencing as per	689	EA										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	details mentioned in the scope of work and specification												
107	Sign writing - substation name as per details mentioned in the scope of work and specification	128	EA										
108	Sign writing on leg of 11 KV RMU as per details mentioned in the scope of work and specification (price per RMU)	14	EA										
109	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 709 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	320	EA										
110	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 407 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	267	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
111	Transportation of various items from TPCODL. store/site to other site or vice versa in TPCODL. operational area - Three wheeler/Vikram with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	320	EA										
112	Loading, transportation and Unloading of HT panel, Transformer, LT board, Cable drum/Conductor Drum with crane or tripode Per truck/tempo (Price per Truck/tempo)	395	EA										
113	Loading, transportation and Unloading of JOIST Pole of 11 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	600	EA										
114	Loading, transportation and Unloading of JOIST Pole of 13 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	226	EA										
115	Dismantling / Removal of all hardware fittings & Insulator etc. from Double Pole Structure including loading, transportation,	544	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	unloading and staking of dismantled material at a proper place in safe position.												
116	Dismantling of 11 Mtr. PCC/Joist Pole (Serviceable Pole) after digging the pit and taking out the pole, transportation and stacking the pole at a proper place in safe position within 3km /BA site store and refilling the pit with loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	788	EA										
117	Dismantling of 11kV Pin Insulator with Pin including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	2186	EA										
118	Dismantling of 11kV Disc Insulator with Hardware including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	2112	EA										
119	Dismantling of Danger Board including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	800	EA										
120	Dismantling of the G.I.Wire 7/8 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and	800	Kg										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
121	Dismantling of the G.I.Wire 7/10 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	800	Kg										
122	Dismantling of the G.I.Wire 4 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	800	Kg										
123	Dismantling/Removal of all hardware fittings & Insulator etc. from HT Single Pole including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per Pole)	800	EA										
124	Dismantling of Lightening Arrester(LA) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	380	EA										
125	Dismantling of LT Distribution Box suitable for 3-Phase Distribution Transformer including their safe removal. Scope of work also includes removal of all the	264	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store.												
126	Dismantling of three phase DD Fuse/ fuse set arrangement fitted on structure (price per set) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	200	EA										
127	Dismantling of ACB-400A including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	68	EA										
128	Dismantling of ACSR DOG conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	422	М										
129	Dismantling of ACSR Rabbit conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	422	М										
130	Dismantling of ACSR Racoon conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	422	М										
131	Dismantling of HT AL Bus bar mounted on 11kV insulator with re-	105	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	openable insulation cover including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store												
132	Dismantling/Removal of all hardware fittings & Insulator etc. from Triple Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per TP Structure)	105	EA										
133	Dismantling of Fencing structure and loading, transportation, unloading and staking at a proper place in safe position/BA site store	105	Kg										
134	Dismantling of existing 11/0.4kV, 630kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	30	EA										
135	Dismantling/Removal of all hardware fittings & Insulator etc. from Four Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	57	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
136	Dismantling of existing Street Light fixture and loading, transportation, unloading and staking at a proper place in safe position/BA site store	52	EA										
137	Dismantling of 11 Mtr. PCC/Joist Pole (Broken Pole) after digging the pit and taking out the pole, refilling the pit with loose earth and ramming. Scope also include crushing of broken Pole and removal & disposal of malba at proper location as per instruction of EIC	13	EA										
138	Dismantling of existing 11/0.4kV, 250kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	88	EA										
139	Dismantling of existing 11/0.4kV, 990/1000kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	10	EA										
140	Dismantling of 10/8 Way Moulded Bus Bar Box including removal of all Electric/Earth connections, loading, transportation, unloading and	10	EA										

						SUPP	LY			ERECTION		TOT	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
141	Dismantling of 11 kV GO/AB Switch including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	120	EA										
142	Dismantling of Steel Structure and Nuts and Bolt including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	12000	KG										
	TOTAL (All Inclusive Value	)											

Signature & Seal of the Bidder

## Lot-5- Paradeep (KED-I, Kendrapada, KED-II, Marshaghai, JED, Jagatsinghpur; PED, Paradeep)

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
1	Installation/Erection of (150X 150mm RS joist (11 Mtr long) (30.6 kg Per meter) (Each 336.6kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate, fixing of clamps, iron fittings, steel fabricated work (Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction of EIC. The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.	450	EA										
2	Installation/Erection of 150X 150mm RS joist (13 Mtr long)(34.6 kg Per meter)(Each 415.2kg)) Pole including loading and unloading, transportation from site/tent upto 6 Kms., excavation, fixing of base plate,fixing of clamps ,iron fittings,steel fabricated work(Angle installation), refilling, flooding with water, ramming/compacting of foundation as per TP Central Orissa Distribution Co. Ltd. specifications and drawing including removal & disposal of malba as per instruction	215	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	of EIC.The scope of work include providing & laying of cement concrete, and Painting of Pole (In Black & Yellow Strips/Zebra) .As per drawing.												
3	Supply and Fixing of HT Complete Stay Set as per TP Central Orissa Distribution Co. Ltd. specifications and drawing. The scope of work includes excavation for all type of soils/RCC/Bituminous/ Rocky/Rajasthani tiles etc., breaking of asphalt, (only Fixing of Stay Wire (GI 7/10 SWG), Base Plate,Anchor road, Tension screw(GI SIZE 750X20MM), Egg insulator, etc back filling removal & disposing of malba as per instruction of EIC etc. Including stringing of GI Wire, fabrication works and providing and laying of cement concrete, supply , fabrication and erection of stay set clamp, nut-bot etc all consumable items.	700	ST										
4	Brick betting for Pole foundation including supply of consumables and strengthening as per TP Central Orissa Distribution Co. Ltd. specification/drawing (Price per pole/foundation)	200	EA										
5	Supply and erection of Glanding for armored 1.1 kV XLPE AL Cable - 4CX300 sqmm, including making hole in base plate and dressing of	11	EA										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	cable along with Vermin proofing properly												
6	Supply and Installation of Bird Cap for Lightning Arrestor	115	EA										
7	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 11kv Line as per Drawing	450	EA										
8	Supply and Installation of V cross arm, Back clamp, F Bracket(Top Clamp) along with all required other accessories, nut-bolt etc. on HT Joist pole for 33kv Line as per Drawing	550	EA										
9	Supply and laying of sand in substation cable trench (where it is not included in the scope)	15	МЗ										
10	Supply and Installation of 4cx300 sqmm O/D Termination kit.	5	EA										
11	Supply and installation of Glanding armored 1.1 kV XLPE AL Cable - 4CX150 sqmm, including making hole in base plate and dressing of cable along with Vermin proofing properly .	728	EA										
12	Supply and Fixing of Rubber Mat & First Aid Chart(MAT RUBBER 15KV SIZE 1X2MX2.5MM THICK)	10	EA										
13	Supply and Installation of mini wedge Connector for jumpering work for different size of conductor(For Connecting the	203	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	conductor of different conductor size 55 to 100 Sq mm)												
14	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 125 Sq mm)	90	EA										
15	Supply and Installation of wedge Connector for jumpering work for different size of conductor(For Connecting the conductor of different conductor size 148 to 232 Sq mm)	781	EA										
16	Supply and Installation of P.G. CLAMP FOR 125 MM2 AAC CONDUCTOR	84	EA										
17	Supply and Installation of P.G. CLAMP FOR 148 MM2 AAC CONDUCTOR	10	EA										
18	Supply and Installation of P.G. CLAMP FOR 232 MM2 AAC CONDUCTOR	375	EA										
19	Supply, Installation and fixing of 100 mm dia GI Pipe for Cable protection(PIPE G.I.100MM DIA HEAVY CLASS PLAIN END). Scope also include supply and erection of all required accesseries for fixing it with pole/structure such as GI cleat(75X12 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe .	59	М										
20	Supply of AL Lugs 150 sq mm, Crimping with cable and	3912	EA										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Fixing/connecting with ACB/Transformer/MCCB etc.Scope also include supply and erection of PVC Tape as per voltage requirement.												
21	Supply of AL Lugs 300 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	139	EA										
22	Supply of AL Lugs 630 sq mm, Crimping with cable and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	444	EA										
23	Supply and Installation of Template for Transformer maintenance Record(Transformer Health Card).It will be MS Steel sheet of size(Length 1.5 foot, Breadth 1 Foot and Thickness 2mm) as per drawing attached	20	EA										
24	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 990 to 1000 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set). One set Cleat will be for holding the single core cable of	20	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	4 No. for supporting and spacing between the phases.												
25	Supply and Installation of CONNECTOR PALM LT BRASS 1000A for 500-630KVA distribution transformer	36	EA										
26	Supply and Installation of CONNECTOR PALM LT BRASS 2000A for 990-1000KVA distribution transformer	20	EA										
27	Supply of AL Lugs 95 sq mm, Crimping with cable/conductor and Fixing/connecting with ACB/Transformer/MCCB etcScope also include supply and erection of PVC Tape as per voltage requirement.	1975	EA										
28	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for 500 to 630 kVA Transformer. Scope also includes supply of ISI marked paint. (Price per set)	23	ST										
29	Supply, Fabrication and erection of MS Steel Structure including painting (one coat of red oxide & two coats of synthetic/aluminium paint) as per TP Central Orissa Distribution Co. Ltd. specification / drawing. Scope also includes supply of ISI marked paint. Size vary (Channel of Size-100*50,125*65,75*40, and ANGLE of	11112	KG										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	SIZE 50X50X6MM,& 75X75X6MM as per site survey and approved drawing)										, ,		
30	Supply, Installation and fixing of HDPE Pipe - 25mm dia for Wire/Cable protection. Scope also include supply and erection of all required accessories for fixing it with pole/structure such as GI cleat(12X3 mm)at every interval of 1.5 mtr ,Nut & Bolt ,sealing of the pipe ,collar fixing.	4482	М										
31	Supply, Fabrication and Erection of Wooden Cleat set, MS strip and hard ware for fixing cable including painting one coat of red oxide & two coats of black paint for Cable.  Scope also includes supply of ISI marked paint. (Price per set).	46	ST										
32	Supply of AL Lugs 70 sq mm, Crimping with stay wire/earthing wire/conductor and Fixing/connecting to earth electrode etc. Scope also include supply and erection of PVC Tape as per voltage requirement.	44281	EA										
33	Supply of AL Lugs of 125 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	873	EA										
34	Supply of AL Lugs of 55 to 80 sq mm, Crimping and connecting with LA,G/O,DD Fuse for jumpering works of Distribution transformer.	176	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
35	Supply of AL Lugs of 148 to 232 sq mm for jumpering work of 33KV AB Switch, Crimping and connecting.	300	EA										
36	Supply and Installation of MVLC medium voltage line cover (Polypro).	175	М										
37	Supply and Fixing of GI Nut & Bolts of different size(12MMX50MM HEX,12MMX75MM HEX,16MMX100MM HEX,16MMX150MM HEX,16MMX200MM HEX,16MMX50MM HEX,16MMX75M HEX)etc based on site requirement.	12020	KG										
38	Supply and Installation of Pre - fabricated Hot dip Galvanized Steel Structure of different section (ISMC-100*50 GI Channel (9.76KG/M),ISMC-125*65 GI Channel (13.3KG/M),ISMC-75*40 GI Channel (7.24KG/M), ANGLE MS SIZE 50X50X6MM,ANGLE GI SIZE 75X75X6MM as per approved drawing and specification of TP Central Orissa Distribution Co. Ltd Scope also includes minor modification/fabrication required as per site condition/ for proper fitting. Size shall be customized based on site requirement.	128467	KG										
39	Supply and Installation of 11kV D.O. Fuse 3 Phase(Price per Set) including Fuse Link on existing	119	ST										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing												
40	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	625	EA										
41	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 232 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	625	EA										
42	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm AAAC Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	20	EA										
43	SITC Installation of 33kV Disc Insulator with GI hardware fitting - 120KN for 148 Sq mm ACSR Conductor with nuts and bolts as per TP Central Orissa Distribution Co. Ltd. specification/drawing	20	EA										
44	SITC Installation of 33kV Post Insulator with hardware fitting as per TP Central Orissa Distribution Co. Ltd. specification/drawing	189	EA										
45	SITC BUS BAR COPPER HDT SIZE 75X10MM	9	М										
46	SITC Installation of 11 kV ,200Amp 3- Phase AB/G.O Switch on existing	113	ST										

						SUPP	LY			ERECTION		TO	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing										, ,		
47	SITC Installation of 33 kV,200Amp 3- Phase AB/G.O Switch on existing structure including alignment as per TP Central Orissa Distribution Co. Ltd. specification and drawing	23	ST										
48	SITC Installation of 11kV LA Single Phase on existing structure as per TP Central Orissa Distribution Co. Ltd. specification and drawing(LA 9KV 5KA FOR 11KV POLYMERIC)	120	EA										
49	SITC Installation of Barbed Wire ( to avoid the climbing at pole) for 11Mtr/13 Meter pole as per TP Central Orissa Distribution Co. Ltd. specification and drawing.	381	KG										
50	SITC Installation of HT Danger Board with clamp(GI Flat 12X3 mm), nut & bolt as per TP Central Orissa Distribution Co. Ltd. specification	951	EA										
51	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm AAAC conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	238	EA										
52	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 70KN for 125 sq mm ACSR conductor as per TP Central Orissa Distribution Co. Ltd. specification/drawing	356	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
53	SITC Installation of 11kV Disc Insulator with GI hardware fitting - 90KN for 125 sq mm AAAC as per TP Central Orissa Distribution Co. Ltd. specification/drawing	438	EA										
54	SITC Installation of 11kV Polymeric Pin Insulator for 125 Sq mm with Hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1366	EA										
55	SITC Installation of 33kV Pin Insulator for 148 sq mm & 232 Sq mm conductor (PIN INSULATOR POLYMER 33 KV (10 KN))with hardware/PIN as per TP Central Orissa Distribution Co. Ltd. specification/drawing	1249	EA										
56	Installation of FPI with Communication Box with proper wiring on GPRS modem .	750	EA										
57	Installation, Testing and Commissioning of 11/0.4kV, 630kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	9	EA										
58	Installation, Testing and Commissioning of 11/0.4kV, 160kVA/ 315KVA/ 400KVA/ 500KVA/ 3-Phase Distribution	20	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side												
59	Installation, Testing and Commissioning of 11/0.4kV, 1000kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	20	EA										
60	Installation, Testing and Commissioning of 11/0.4kV, 250kVA 3-Phase Distribution Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification including loading, unloading, shifting/transportation from site /tent. Scope of work excludes earthing, jumpering/connection at HT and LT side	24	EA										
61	Installation testing and commissioning of LT ACB 400 Amps with enclosure on existing structure	18	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
62	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,63kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	14	EA										
63	Installation of Outdoor Type Distribution Box with MCCB for 11/0.4kV,160kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	18	EA										
64	Installation of Outdoor Type Distribution Box (BOX DIST.WITH 160A 35KA TP MCCB 6 O/G) with MCCB for Distribution Transformer etc.three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	110	EA										
65	Installation of Outdoor Type Distribution Box(BOX DIST.WITH 500A 50KA TP MCCB 5 O/G) with MCCB for 11/0.4kV,250kVA Three Phase Transformer on existing structure as per TP Central Orissa Distribution Co. Ltd. specification	106	EA										
66	Installation of Fire Extinguisher by means of proper hooks clamps etc. as required including providing of grouting material (cement etc.) and painting of hooks/clamps. Scope exclude supply of hook/clamp	15	EA										
67	Installation of Fire Bucket including supply of sand by means of proper	15	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	hooks clamps etc. as required (price per bucket). Scope include supply of hooks/clamps/MS stand.												
68	Installation, Testing and Commissioning of 11kV 3-way Ring Main Unit on existing structure/foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	1	EA										
69	Installation, Testing and Commissioning of 11kV 4-way Ring Main Unit on existing structure / foundatiom as per TP Central Orissa Distribution Co. Ltd. specification including grouting, loading, unloading, shifting/transportation from site/tent. Scope of work excludes earthing, connection and construction of foundation	2	EA										
70	Construction of 3-way RMU Plinth with Brick, Mortar, 12 mm cement plaster and painting with enamle paint.As per drawing	1	EA										
71	Construction of 4-way RMU Plinth with Brick, Mortar, 16 mm cement plaster and painting with enamle paint.As per drawing	2	EA										
72	Installation, Testing and commissioning of 11kV auto	1	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	reclosure Unit on existing structure as per TPCODL specification including loading from TPCODL Store  (Bhubneshwar/Cuttack/Nearby site) , unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.												
73	Installation, Testing and commissioning of 11kV Sectionaliser Unit on existing structure as per TPCODL specification including loading from TPCODL Store (Bhubaneshwar/Cuttack/Nearby site), unloading at Site, shifting/transportation from site/tent. Scope of work excludes earthing, jumpering/connection.	1	EA										
74	Sagging & Stringing of Dog Conductor(80sq.mm to 125 sq.mm AAAC)	8364	М										
75	Sagging & Stringing of Aluminum Conductor Steel Rainforced(ACSR) (Equivalent to 125 sq mm AAAC Conductor) .	11637	М										
76	Sagging & Stringing of 148 mm2 All Aluminium Aloy Conductor(AAAC)	10	М										
77	Sagging & Stringing of Aluminium Conductor Steel Rainforced (ACSR) (Equivalent to 148 sq mm AAAC Conductor) .	10	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
78	Sagging & Stringing of 232 sqmm All Aluminium Aloy Conductor(AAAC) .	15935	М										
79	Sagging & Stringing of sq232mm Aluminium Conductor Steel Rainforced(ACSR).	19215	М										
80	Supply, Sagging & Stringing of Insulated Rabbit Conductor for Jumpering work of Distribution Transformer & making of connection hooks etc.	819	М										
81	Supply and erection of GI wire 7/10 SWG for stay wire and earthing of equipments/structure as per TP Central Orissa Distribution Co. Ltd. specification/drawing.	37248	М										
82	Supply and erection(Sagging/Stringing/Drawing) of GI wire 8 SWG for Guarding and Bracing including making of connection hooks etc. as per TP Central Orissa Distribution Co. Ltd. specification/drawing	69938	М										
83	Laying/stringing of Overhead LT 1.1 kV XLPE insulated PVC sheathed AL conductor GI wire Armoured Cable of size 4CX150 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable.	3226	М										
84	Supply and erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories and connecting with cross arm, Channel, angle and other	782	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	accessories of pole having length up to 13 Mtr as per TP Central Orissa Distribution Co. Ltd. Design .												
85	Laying of LT, XLPE, GI wire Armoured, AL Cable of size 4CX300 sqmm in S/Sth. Trench/Trenchless duct/Tray/GI Pipe/Hume Pipe as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude laying of Hume Pipe, GI Pipe, PVC Pipe and Tray.	222	М										
86	Laying (underground) of 1.1kV Armoured XLPE AL Cable of size 4CX300 sqmm in existing trench with supply & laying of 9 bricks horizontaly with sand & back filling, ramming and levelling of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EICBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	222	М										
87	Laying (underground) of 11kV Armoured XLPE AL Cable of size 3CX400/ 3X300 sqmm (Single Run) in open cut/ existing trench with supply & laying of 9bricks with sand & back filling, ramming and levelling	10	М										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
88	of earth as per TP Central Orissa Distribution Co. Ltd. specification and drawing including testing of cable. Scope also include removal and disposal of loose malba above road/ground level as per instruction of EIC.BA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.  Laying of 11kV Armoured XLPE AL Cable 3CX400/ 3X300 sqmm in S/Sth. Trench/Tray as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. Scope of work exclude fixing of Tray.BA will provide support during joint making by OEM of joint kit,no separate payment will be paid	10	M										
89	to BA for this support by BA.  Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX300 sqmm as per TP Central Orissa Distribution Co. Ltd. specification including testing of cable. BA will provide support during joint making by OEM of joint kit, no separate payment will be paid to BA for this support by BA.	10	M										
90	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX630 sqmm as per TP Central Orissa	591	M										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Distribution Co. Ltd. specification including testing of cable												
91	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement- All work upto plinth level b) 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size.	99.4	М3										
92	Stringing/Laying of 1.1kV XLPE insulated PVC sheathed AL conductor Cable of size 1CX95 sqmm as per TPDDL specification including testing of cableBA will provide support during joint making by OEM of joint kit,no seperate payment will be paid to BA for this support by BA.	10	М										
93	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:3:6 (1 Cement: 3 coarse sand (Zone - III): 6 graded stone aggregate 20 mm nominal size).	150	М3										
94	Treated Pipe earthing with 40mm dia 3 Mtr long Class-B GI Pipe with earth chamber as per TP Central Orissa Distribution Co. Ltd. specification and drawing (Each pit resistance will be measured and recorded and shall be less than 10hm). Scope include supply of all required material like Earth	830	EA										

						SUPP	LY			ERECTION		TO <sup>*</sup>	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electrode, Salt, Charcoal, Nuts-Bolt etc.												
95	Excavation of cable trench upto 975 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11/1.1kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	10	МЗ										
96	Excavation of cable trench upto 1075 mm depth & 450 mm width in Ordinary Soil as per TP Central Orissa Distribution Co. Ltd. drawing and specification for laying of 11kV one Cable. Scope of work excludes laying of HUME/PVC pipe/GI Pipe. For each additional cable 50% will be payable against above activity	10	М3										
97	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqmm on plan) including disposal of excavated earth as per direction of EIC for all kinds of soil.	15	M3										
98	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides	15	М3										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	and ramming of bottoms, including getting out the excavated soil and disposal of surplus excavated soil as directed by EIC for all kinds of soil												
99	Fixing /installation of Cable Trench Cover.	400	М										
100	Indoor Termination kit of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	8	ST										
101	Indoor/Outdoor Termination Kit of HT (33KV) UGC including all related work and Approved Jointer	10	EA										
102	Outdoor Termination Kit of LT UGC (4cX300 Sq mm Cable) including all related work and Approved Jointer	36	EA										
103	Supply and Making & Fixing of Guard Lace(Bracing of length 1.5 mtr) of G.I. Wire 4 SWG for HV Line (price per lacing)	12499	EA										
104	Mounting of Cable (LT & HT) at Pole, after passing through suitable size of GI Pipe proper clamping and fixing wooden bush along with clamping of End Box. Scope of work excluding supply and erection of Wooden Cleat set( Including Nomenclature , phase marking and numbering)	383	ST										
105	Outdoor Termination of 11 kV Armoured XLPE, AL Cable 3CX400 sqmm including consumable	8	ST										
106	Sign writing on Transformer, double pole structure & fencing as per	566	EA										

						SUPP	LY			ERECTION		TO.	TAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	details mentioned in the scope of work and specification												
107	Sign writing - substation name as per details mentioned in the scope of work and specification	38	EA										
108	Sign writing on leg of 11 KV RMU as per details mentioned in the scope of work and specification (price per RMU)	10	EA										
109	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 709 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	226	EA										
110	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tempo 407 with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	189	EA										

						SUPP	LY			ERECTION		TO	ΓΑL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
111	Transportation of various items from TPCODL. store/site to other site or vice versa in TPCODL. operational area - Three wheeler/Vikram with labours as required (price per trip). Scope of work also include loading and unloading of materials except heavy items like HT Panel, Transformer, Cable Drum, LT Board where loading, unloading is to be done with crane and will be paid separately (Price per Truck/tempo)	226	EA										
112	Loading, transportation and Unloading of HT panel, Transformer, LT board, Cable drum/Conductor Drum with crane or tripode Per truck/tempo (Price per Truck/tempo)	271	EA										
113	Loading, transportation and Unloading of JOIST Pole of 11 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	382	EA										
114	Loading, transportation and Unloading of JOIST Pole of 13 Mtr long from TP Central Orissa Distribution Co. Ltd. store/site to other site or vice versa (above 6 km) - price per Pole.	427	EA										
115	Dismantling / Removal of all hardware fittings & Insulator etc. from Double Pole Structure including loading, transportation,	659	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	unloading and staking of dismantled material at a proper place in safe position.												
116	Dismantling of 11 Mtr. PCC/Joist Pole (Serviceable Pole) after digging the pit and taking out the pole, transportation and stacking the pole at a proper place in safe position within 3km /BA site store and refilling the pit with loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	626	EA										
117	Dismantling of 11kV Pin Insulator with Pin including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	603	EA										
118	Dismantling of 11kV Disc Insulator with Hardware including loading, transportation, unloading and staking at a proper place in safe position/BA site store.	583	EA										
119	Dismantling of Danger Board including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	700	EA										
120	Dismantling of the G.I.Wire 7/8 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and	700	Kg										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
121	Dismantling of the G.I.Wire 7/10 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	700	Kg										
122	Dismantling of the G.I.Wire 4 SWG as per standard practice of TP Central Orissa Distribution Co. Ltd. including recoiling loading, transportation, unloading and staking at a proper place in safe position/BA site store	700	Kg										
123	Dismantling/Removal of all hardware fittings & Insulator etc. from HT Single Pole including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per Pole)	700	EA										
124	Dismantling of Lightening Arrester(LA) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	107	EA										
125	Dismantling of LT Distribution Box suitable for 3-Phase Distribution Transformer including their safe removal. Scope of work also includes removal of all the	75	EA										

						SUPP	LY			ERECTION		TO	ΓAL
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store.												
126	Dismantling of three phase DD Fuse/ fuse set arrangement fitted on structure (price per set) including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	158	EA										
127	Dismantling of ACB-400A including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	18	EA										
128	Dismantling of ACSR DOG conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	119	М										
129	Dismantling of ACSR Rabbit conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	119	M										
130	Dismantling of ACSR Racoon conductor from overhead line, recoiling, loading, transportation, unloading and staking at a proper place in safe position/BA site store	119	M										
131	Dismantling of HT AL Bus bar mounted on 11kV insulator with re-	31	EA										

						SUPP	LY		ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	openable insulation cover including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store												
132	Dismantling/Removal of all hardware fittings & Insulator etc. from Triple Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store (price per TP Structure)	31	EA										
133	Dismantling of Fencing structure and loading, transportation, unloading and staking at a proper place in safe position/BA site store	31	Kg										
134	Dismantling of existing 11/0.4kV, 630kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	9	EA										
135	Dismantling/Removal of all hardware fittings & Insulator etc. from Four Pole Structure including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	157	EA										

						SUPP	LY		ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
136	Dismantling of existing Street Light fixture and loading, transportation, unloading and staking at a proper place in safe position/BA site store	17	EA										
137	Dismantling of 11 Mtr. PCC/Joist Pole (Broken Pole) after digging the pit and taking out the pole, refilling the pit with loose earth and ramming. Scope also include crushing of broken Pole and removal & disposal of malba at proper location as per instruction of EIC	12	EA										
138	Dismantling of existing 11/0.4kV, 250kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	24	EA										
139	Dismantling of existing 11/0.4kV, 990/1000kVA Three Phase Distribution Transformer including removal of HT/LT leads, earth connections and unloading by crane if required. Scope of work also includes loading, transportation, unloading and staking at a proper place in safe position/BA site store	10	EA										
140	Dismantling of 10/8 Way Moulded Bus Bar Box including removal of all Electric/Earth connections, loading, transportation, unloading and	10	EA										

						SUPP	LY		ERECTION			TOTAL	
S.No	Item Description	Quantity (A)	Unit	HSN /SAC Code	Unit Ex- Work Price (Rs./Unit)	Freight & Insurance Charges (Rs/Unit)	GST (Rs/Unit)	Unit Supply Rate (Rs.) (B)	Unit Erection Charge (Rs./Unit)	GST (Rs/Unit)	Unit Erection Price including GST (C)	All Inclusive Unit rate (D=B+C)	Total All Inclusive Value (Rs.) (A*D)
	staking at a proper place in safe position/BA site store												
141	Dismantling of 11 kV GO/AB Switch including removal of all Electric/Earth connections, loading, transportation, unloading and staking at a proper place in safe position/BA site store	33	EA										
142	Dismantling of Steel Structure and Nuts and Bolt including loading, transportation, unloading and staking of dismantled material at a proper place in safe position/BA site store	3300	KG										
	TOTAL (All Inclusive Value)												

## Signature & Seal of the Bidder

## NOTE:

- The bidders are advised to quote prices strictly in the format attached.
- The bidder must fill each and every column of the format attached. *Mentioning "extra/inclusive" in any of the column may lead for rejection of the price bid.*
- No cutting/ overwriting in the prices is permissible.
- The unit price to be indicated in col. No. 6 should be <u>exclusive</u> of taxes & duties which are to be indicated in separate columns meant for the purpose.
- The bids will be evaluated commercially on over BOQ basis (all-inclusive lowest cost) for the complete tender as calculated in Schedule of Items
- All the Bidder should participate for 5 No's of lot for supply as well as installation work. Selective bidding by the bidder for lot wise is not allowed.
- Bidders should be willing to work in other Circle if asked by TPCODL in the approved price of that respective Circle. The bidder has
  to give undertaking regarding the same along with the bid.